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OWNER'S MANUAL

MAGNAVOX
SMART. VERY SMART.

MDV435 DVD PLAYER

STOP!

READ THIS MANUAL FIRST!

CONGRATULATIONS ON PURCHASING THIS PRODUCT. WE'VE INCLUDED EVERYTHING YOU NEED TO GET STARTED. IF YOU HAVE ANY PROBLEMS, OUR REPRESENTATIVES CAN HELP YOU GET THE MOST FROM YOUR NEW PRODUCT BY EXPLAINING:

• HOOKUPS • FIRST TIME SETUP • FEATURE OPERATION

DO NOT ATTEMPT TO RETURN THIS PRODUCT TO THE STORE.

FOR FAST HELP, CALL US FIRST!

1-800-705-2000

THANK YOU FOR MAKING US A PART OF YOUR HOME!

IMPORTANT!
RETURN YOUR WARRANTY REGISTRATION CARD WITHIN 10 DAYS.
SEE WHY INSIDE.

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your MAGNAVOX purchase is registered, you're eligible to receive all the privileges of owning a MAGNAVOX product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your MAGNAVOX warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Congratulations on your purchase, and welcome to the "family!"

Dear MAGNAVOX product owner:

Thank you for your confidence in MAGNAVOX. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the MAGNAVOX "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome-and thanks for investing in a MAGNAVOX product.

P.S. Remember, to get the most from your MAGNAVOX product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Know these **safety***symbols*

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

For Customer Use

Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No._____

Serial No. _____

Visit our World Wide Web Site at http://www.magnavox.com

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4 Safety Information

Safety Precautions

Warning: To prevent fire or shock hazard, do not expose this equipment to rain or moisture.

Federal Communications Commission (FCC) Warning: Any unauthorized changes or modifications to this equipment void the user's authority to operate it.

Laser Safety

This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. DO NOT STARE INTO BEAM. THE BEAM IS LOCATED INSIDE, NEAR THE DECK MECHANISM.

Special Information for Canadian Users

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radio/TV Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1) Reorient or relocate the receiving antenna.
2) Increase the separation between the equipment and the receiver.
3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4) Consult the dealer or an experienced radio/TV technician for help.

Copyright Protection

Unauthorized copying, broadcasting, public performance and lending of Discs are prohibited.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Declaration of Conformity

Model Number:	MDV435
Trade Name:	Magnavox
Responsible Party:	Philips Consumer Electronics P.O. Box 14810 Knoxville, TN 37914-1810 (865) 521-4316

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Welcome!

Your new Digital Video Disc Player provides high picture quality, clear sound, and endless playback features available on Digital Video Discs (DVDs). Add options to your DVD viewing - watch a director's cut of a movie, listen to the producer's comments, or play your favorite scene over and over again. The possibilities are limited only by your choices and the materials available on the DVD.
You can listen to Audio Compact Discs and MP3 files on this DVD Player as well.
To get the most enjoyment from the DVD Player, read this owner's manual carefully. It describes how to access the features listed below.

Features

- Audio Language choices *
- Camera Angles *
- DVD Menus in a desired language *
- Markers
- MP3 Playback
- Parental Controls*
- Paused/Fast/Slow/Step-by-Step Playback
- Program Playback
- Random Playback
- Repeat, A-B Repeat
- Specific Time/Title/Chapter/Track Playback
- Subtitles *
- Zoom

** If available on the Disc*

When referring to this manual, remember...

DVD — Indicates the feature described is available on some Digital Video Discs.

AUDIO CD — Indicates the feature described is available on some Audio Compact Discs.

MP3 — Indicates the feature described is available with MP3 files.

Disc Menus...

Some explanations in this manual describe the DVD Disc Menus. These menus are set by the movie producers and will vary among Discs. Not all Discs have menus. However, if the Disc has a menu, you can access the Disc Menu by pressing the MENU button on the remote control. *Details are on page 20.*

DVD Player Setup Menus...

Some instructions explain how to use the DVD Player's Setup menu to set features of the DVD Player or the Disc. Access the DVD Player's Setup menu by pressing SETUP on the remote control when Disc playback is stopped. Even if a feature is set up in the DVD Player's menu, it may not be available if the current Disc does not include that feature.

Available Disc Features...

All the features described in this manual may not be available on every Disc. If the feature is not available on the Disc, you cannot use the DVD Player to make the feature available. An "X" will appear in the top right corner of the TV screen if you try to access a feature that is not available on the current Disc or not available at the current time.

This unit employs TruSurround system
TruSurround by SRS of SRS Labs, Inc. as virtual technology.

TruSurround and the SRS symbol are trademarks of SRS Labs, Inc.
TruSurround technology is incorporated under license from SRS Labs, Inc.

6 Playable Discs

Playable Discs

This DVD Player will play Digital Video Discs (DVDs) and Audio Compact Discs (CDs), and has limited playability of finalized Digital Video Discs Rewritable (DVD+RW) and Compact Discs Rewritable (CD-RW).
To play a DVD on this DVD Player, make sure the Disc meets the requirements for Region Codes and Color Systems as described below.
Discs that have the following logos will play on this DVD Player.

DVD

DVD

Audio CD

CD-RW (limited)

DVD+RW (limited)

Region Codes

DVDs must be labeled for ALL regions or for Region 1 in order to play on this DVD Player. You can not play DVDs that are labeled for other regions.
Look for the symbols below on your DVDs. If these region symbols do not appear on your DVD, you cannot play the DVD in this DVD Player.

The number inside the globe refers to a region of the world. Region 1 represents the United States, Canada, upper regions of North America, Bermuda, the U.S. Virgin Islands, and small regions near Australia.
A Disc encoded in a specific region format can only play on DVD Players with the same region code. For example, if a Disc is labeled for Region 2, you can not play the DVD on this DVD Player.

Color Systems

Different color systems are available throughout the world. The most common color systems are NTSC, which is used primarily in the United States and North America, PAL, and SECAM.
This DVD Player uses the NTSC color system. Therefore, the Discs that you play must be recorded in the NTSC system. You cannot play Discs recorded in other formats. The color system of the DVD may be listed on the DVD or on the Disc case.

Unacceptable Discs

If you insert an unacceptable type of disc, “Please insert a playable disc” will appear on the TV screen. The following Discs will not play on this DVD Player.

- CD-ROM
- DVD-RAM
- DVD-ROM
- Super Audio CD (SACD) (The Audio CD layer of a hybrid SACD may play.)
- Compact Disc-Interactive (CD-I)
- Photo CD
- Video CD
- Video Single Disc (VSD)

Audio of the following discs might play, but video will not be accessible.

- Compact Disc-Graphic (CD-G)
- Compact Disc-Video (CD-V)

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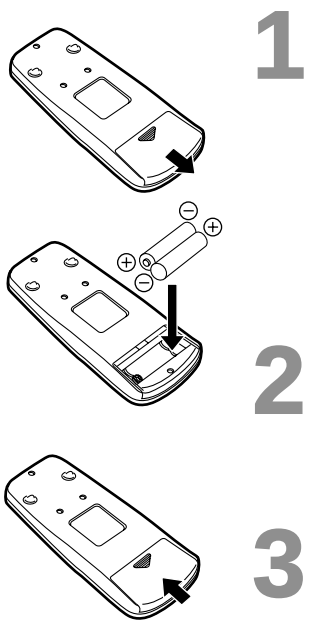
Putting Batteries in the Remote Control



1 **Remove the battery compartment lid** on the bottom of the remote control by sliding the lid down and off, following the direction of the arrow on the lid.

2 **Place two AA batteries inside the battery compartment** with their + and – ends aligned as indicated.

3 **Replace the battery compartment lid.**

Using the Remote Control

Point the remote control at the DVD Player's remote sensor (see page 16) when using the remote control to operate the DVD Player.
Do not put objects between the remote control and the DVD Player.

Recycling Guidelines/Battery Safety

- Your new product and its packaging contain materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount that needs to be properly disposed. Your product uses batteries that should not be thrown away when depleted but should be disposed of as small chemical waste. Please find out about the local regulations on disposal of your old product, batteries, and packaging whenever you replace existing equipment.
- Battery Usage CAUTION - To prevent battery leakage that may result in bodily injury or damage to the unit:
  • Install ALL batteries correctly, with the + and - markings on the battery aligned as indicated on the unit;
  • Do not mix batteries, for example, old with new or carbon with alkaline; and
  • Remove batteries when the unit will not be used for a long time.

8 Hookups

Depending on your TV and other equipment you wish to connect, there are various ways you could connect the DVD Player. Use only one of the connections described in the following pages.

Before you begin...

- Refer to the manuals of your TV, Stereo or other devices as necessary. Note the style of jacks and connectors on the other equipment. Determine how to choose different Audio and Video In channels on your other equipment so you can see and hear the DVD Player on the TV, Stereo, etc.
- Disconnect all equipment from the power outlets. Connect the equipment to the power outlets only after you have finished hooking up everything. Never make or change connections with equipment connected to the power outlet.

Determining the best possible connection...

Your hookup will be determined primarily by feature availability of your existing equipment. However, the following guidelines describe which options have the best picture and sound quality.

★★★★ COMPONENT VIDEO OUT jacks provide the best picture quality.
★★★ Use the S-VIDEO OUT jack for excellent picture quality.
★★ Use the yellow VIDEO OUT jack for good picture quality.
★★ **If your TV only has an RF-style jack, usually labelled Antenna In or 75 ohm, you will need an RF adapter in order to connect the DVD Player to the TV.** Ask your electronics retailer for details. The DVD picture still will exceed the quality of videotapes and other analog recordings.

★★★★ Digital audio connections provide the clearest sound. Connect the DVD Player's DIGITAL AUDIO OUT COAXIAL jack to your Stereo for the best sound quality.
★★★ If digital connections are not possible, connect the DVD Player's red and white AUDIO OUT jacks to the Audio In jacks of your Stereo or TV.

Remember...

- Connect the DVD Player directly to the TV. For example, do not connect the DVD Player to a VCR, then connect the VCR to a TV. This type of connection may distort the picture and sound. Also, your VCR might have the copy protection system, which could further distort the DVD image.
- Set the TV to the correct Video In channel. Such channels may be called AUX or AUXILIARY IN, AUDIO/VIDEO or A/V IN, EXT1 or EXT2 or External In, etc. These channels often are located near channel 00. See your TV owner's manual for details. Or, keep changing channels at the TV until you see the DVD logo or DVD playback on the TV screen. (The DVD Player power must be on.)
- Set the Stereo to the correct channel or "source" mode.
- Do not connect the DVD Player's AUDIO OUT jacks to the PHONO IN jack of your Stereo.
- Depending on your connection, you may need to purchase additional cables.
- You only need one audio connection and one video connection.
- If you do not connect the DVD Player to a Dolby Digital-compatible Stereo, set DOLBY DIGITAL to OFF on the DVD Player. *Details are on pages 11 and 39.* Playing a Disc when the settings are wrong could distort the sound or damage the speakers.

Once you determine the best option, find your choice on pages 9-13. Follow the specific steps for the hookup you chose.

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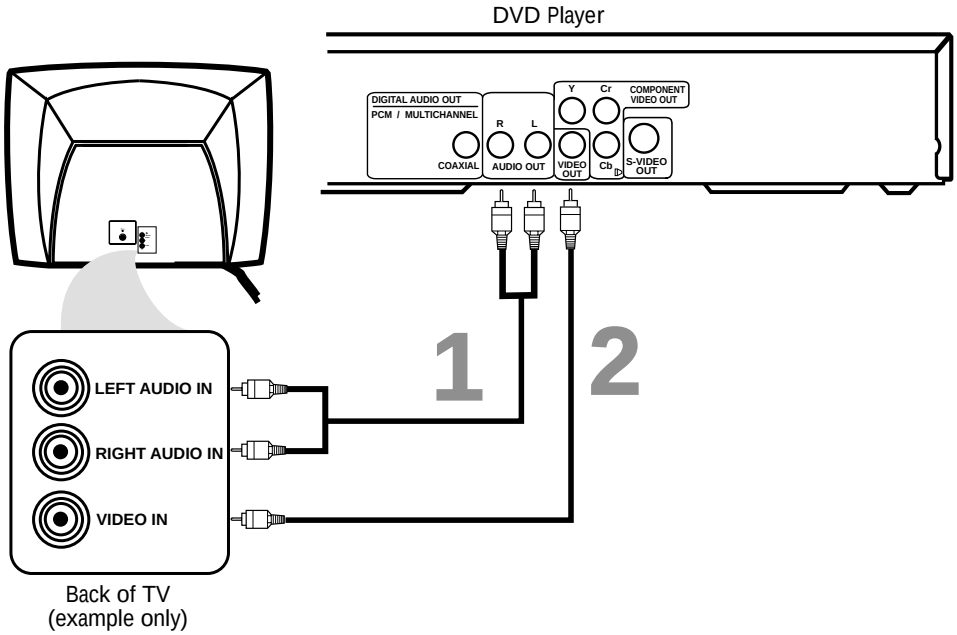
Connecting the DVD Player to a TV only
TV has AUDIO (red and white) and VIDEO (yellow) IN jacks



1 **Connect the supplied red and white audio cables to the red and white AUDIO OUT jacks on the DVD Player and to the red and white AUDIO IN jacks on the TV, matching the cable colors to the jack colors.**

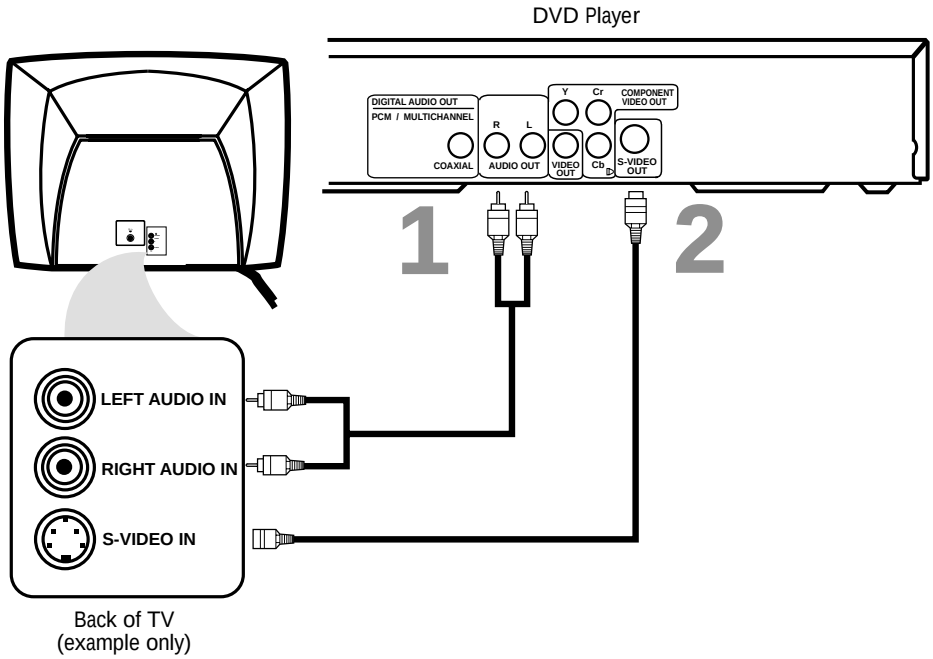
2 **Connect the supplied yellow video cable to the VIDEO OUT jack on the DVD Player and to the VIDEO IN jack on the TV.**

3 **Connect the TV's power cord to a power outlet.**
Turn on the TV and set it to the Audio/Video In channel, which also may be referred to as A/V In or Auxiliary In. This channel usually is near channel 00. See your TV owner's manual for details.

4 **Connect the DVD Player's power cord to a power outlet.**
Press the POWER ⏻ button to turn on the DVD Player.
You should see the DVD logo on the TV screen. If you do not, check your connections and make sure the TV is set to the correct Audio/Video In channel.

10 Hookups (cont'd)

Connecting the DVD Player to a TV only
TV has AUDIO (red and white) and S-VIDEO IN jacks



1 **Connect the supplied red and white audio cables to the red and white AUDIO OUT jacks on the DVD Player and to the red and white AUDIO IN jacks on the TV, matching the cable colors to the jack colors.**

2 **Connect an S-Video cable (not supplied) to the S-VIDEO OUT jack on the DVD Player and to the S-VIDEO IN jack on the TV.**

3 **Connect the TV's power cord to a power outlet.**
Turn on the TV and set it to the S-VIDEO IN channel. This channel may be near channel 00. See your TV owner's manual for details.

4 **Connect the DVD Player's power cord to a power outlet.**
Press the POWER ⏻ button to turn on the DVD Player.
You should see the DVD logo on the TV screen. If you do not, check your connections and make sure the TV is on the correct S-Video In channel.

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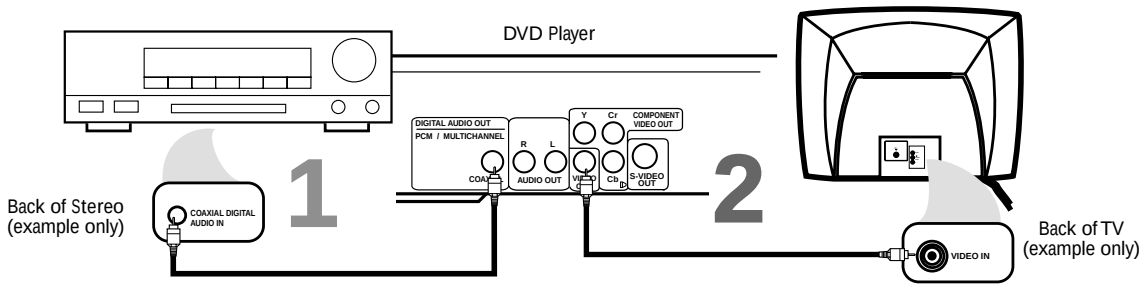
Connecting to a TV and a Stereo that is Dolby Digital or MPEG compatible

Some Discs are recorded in a 5.1 channel Dolby Digital Surround format. These Discs will sound best if you connect the DVD Player to a Stereo that has Dolby Digital.

- Set DOLBY DIGITAL to ON if you connect the Player to a Dolby Digital-compatible Stereo. *Details are on page 39.*
- If you play an MPEG audio disc and connect the Player to an MPEG-compatible Stereo, set MPEG to ON. *Details are on page 39.*
- Select 5.1 channel Dolby Digital Surround sound if available in the DVD's menu.
- This DVD Player does not support the Digital Theater System (DTS).



1 **Connect a coaxial digital audio cable (not supplied) to the COAXIAL jack on the DVD Player and to the COAXIAL DIGITAL AUDIO IN jack on the Stereo.**

2 **Connect the supplied yellow video cable to the yellow VIDEO OUT jack on the DVD Player and to the VIDEO IN jack on the TV.**
You may use S-Video or Component Video if S-Video or Component Video is available on your TV. *See pages 10 and 12 for these optional video connections.* Remember, you only need one video connection between the TV and the DVD Player.

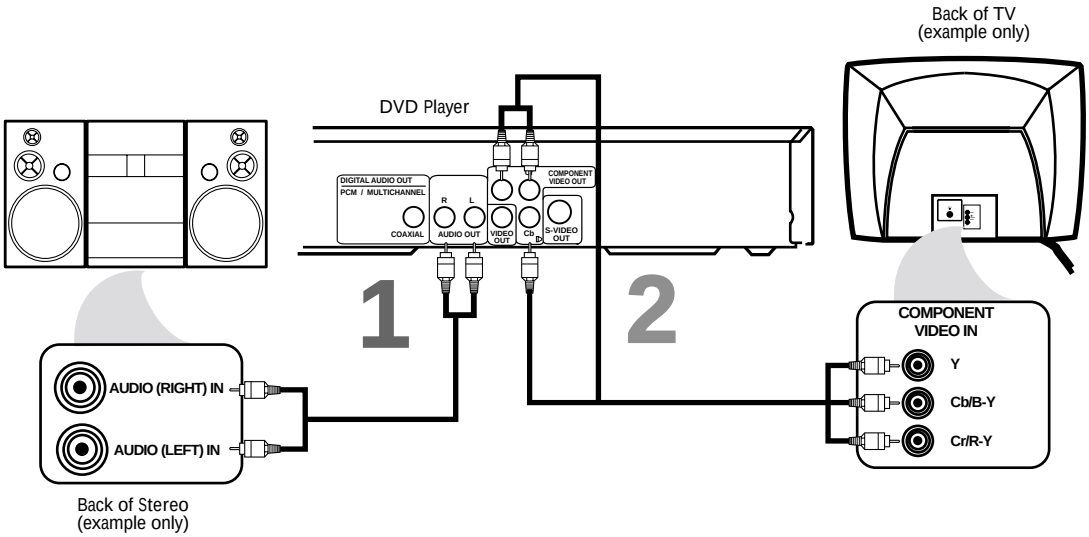
3 **Plug in the Stereo's power cord. Turn on the Stereo and select the Auxiliary IN station.** During Disc playback, you will adjust the volume at the Stereo. See your Stereo owner's manual for details.

4 **Plug in the TV's power cord. Turn on the TV and set it to the correct Video In channel.** During Audio CD playback, you may check the Disc status on your TV screen. During DVD playback, you will watch the program on the TV. See your TV owner's manual for details.

5 **Connect the DVD Player's power cord to a power outlet. Press the POWER ⏻ button to turn on the DVD Player.**
You should see the DVD logo on the TV screen. If you do not, check your connections and make sure the TV is on the correct channel.

12 Hookups (cont'd)

Connecting to a TV and a Stereo TV has Component Video In Jacks



1 **Connect the supplied red and white audio cables to the red and white AUDIO OUT jacks on the DVD Player and to the red and white AUDIO IN jacks on the Stereo, matching the cable colors to the jack colors.**
You can use the Digital Audio Out Coaxial connection instead if your Stereo has a Coaxial In jack. *Details are on pages 11 and 13.* Remember, you only need one audio connection.

2 **Connect component video cables (not supplied) to the COMPONENT VIDEO OUT jacks on the DVD Player and to the COMPONENT VIDEO IN jacks on the TV.**

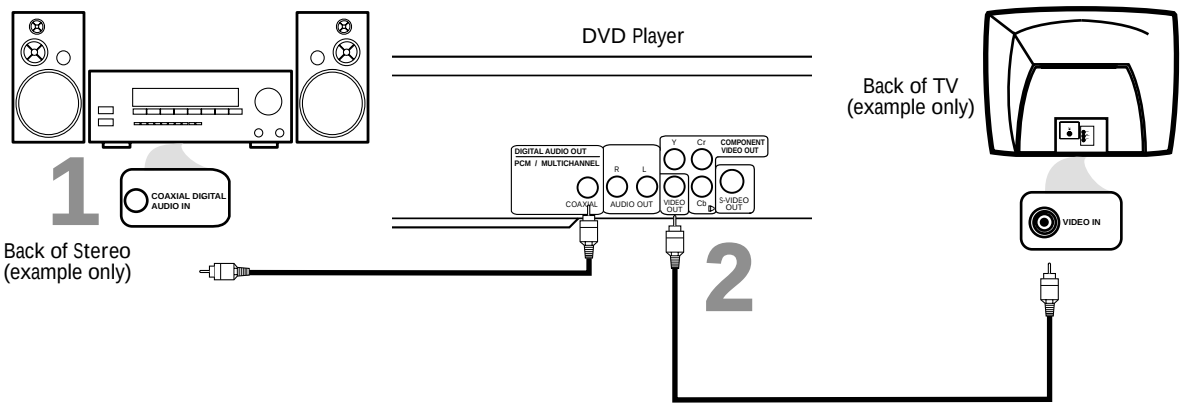
3 **Plug in the Stereo's power cord. Turn on the Stereo and select the Stereo's Auxiliary IN station.** During Disc playback, you will adjust the volume at your Stereo. See your Stereo owner's manual for details.

4 **Plug in the TV's power cord. Turn on the TV and set it to the Component Video In channel, which may be near channel 00.** During Audio CD playback, you may check the status of Audio CDs on your TV screen. During DVD playback, you will watch the program on the TV. See your TV owner's manual for details.

5 **Connect the DVD Player's power cord to a power outlet. Press the POWER ⏻ button to turn on the DVD Player.**
You should see the DVD logo on the TV screen. If you do not, check your connections and make sure the TV is on the correct Component Video In channel.

Connecting to a TV and a Stereo with Digital Input jacks, Mini-Disc Deck or Digital Audio Tape Deck

- If the Disc is recorded in 5.1 channel Dolby Digital Surround, you cannot copy the Disc in digital sound using a Mini-Disc or Digital Audio Tape Deck.



1 **Connect a coaxial digital audio cable (not supplied) to the COAXIAL jack on the DVD Player and to the COAXIAL DIGITAL AUDIO IN jack on the Stereo.**

2 **Connect the supplied yellow video cable to the yellow VIDEO OUT jack on the DVD Player and to the VIDEO IN jack on the TV.** You may use S-Video or Component Video if S-Video or Component Video is available on your TV. *See pages 10 and 12 for these optional video connections.* Remember, you only need one video connection between the TV and the DVD Player.

3 **Plug in the Stereo's power cord. Turn on the Stereo and select the Auxiliary IN station.** During Disc playback, you will adjust the volume at the Stereo. See your Stereo owner's manual for details.

4 **Plug in the TV's power cord. Turn on the TV and set it to the correct Video In channel.** During Audio CD playback, you may check the status of the Disc on your TV screen. During DVD playback, you will watch the program on the TV. See your TV owner's manual for details.

5 **Plug in the DVD Player's power cord. Press the POWER ⏻ button to turn on the DVD Player.** You should see the DVD logo on the TV screen . If you do not, check your connections and make sure the TV is on the correct channel.

14 Remote Control Buttons

OPEN/CLOSE ⏏ Button
Press to open or close the Disc tray.

A-B REPEAT Button
Press to set up A-B Repeat Play, which repeatedly plays a specific segment of a Disc. *Details are on page 27.*

REPEAT Button
Press to repeat playback of the current Disc or Track (Audio CD) or a Title or Chapter (DVD). *Details are on page 26.*

POWER ⏻ Button
Press to turn the power on and off. P-ON or P-OFF appears briefly on the display panel.

DISPLAY Button
Press to see the current status of the Disc on the TV screen during playback. Press repeatedly to remove the status display. *Details are on page 35.*

Number Buttons
Press to directly select a Track (Audio CD) for playback. *Details are on page 24.*
Use the Number buttons to program Tracks (Audio CD) for playback. *Details are on page 28.*

CLEAR Button
Press to erase incorrect information when setting up features.

MENU Button
Press to display the Disc menu. *Details are on pages 5 and 20.*

SETUP Button
When Disc playback is stopped, press to access or remove the DVD Player's Setup menu.

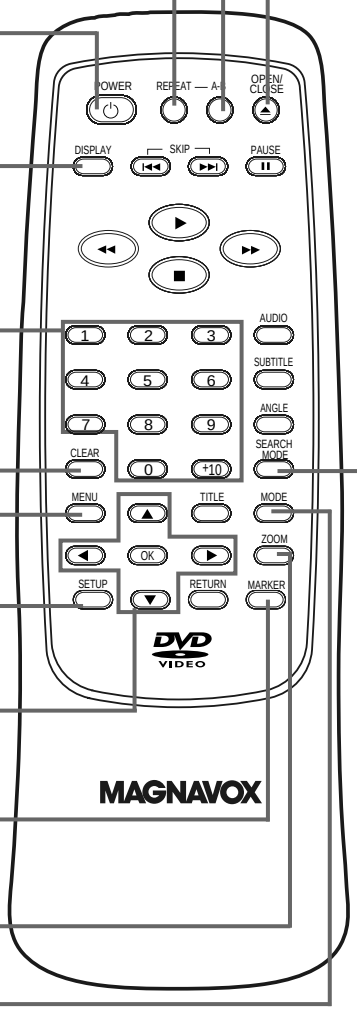
Arrow Buttons
Press to select an item in the DVD Player's Setup menu or in the Disc menu.

MARKER Button
Press to set a Marker, which will give you quick access to points on a Disc that you select. *Details are on page 38.*

ZOOM Button
Press to enlarge the DVD picture. *Details are on page 23.*

MODE Button
When playback is stopped, press to set up programmed or random playback for an Audio CD or MP3 files. *Details are on pages 28-29.*
During DVD playback, press to set up the black level setting or TruSurround setting. *Details are on page 44.*

SEARCH MODE Button
Press to access or remove the Search display, which allows you to go directly to a specific Title/Chapter/Track/Time. *Details are on pages 24-25.*



Remote Control Buttons (cont'd) 15

Pause ❚❚ Button
Press to pause Disc playback. *Details are on page 21.* Press repeatedly to advance the DVD picture step by step (or one frame at a time). *Details are on page 21.*

SKIP ▶▶| and |◀◀ Buttons
Press to skip Chapters or Tracks. *Details are on page 24-25.*

Play ▶ Button
Press to begin Disc play.

Reverse ◀◀ Button
Press to view the picture in fast reverse motion (DVD) or to reverse playback of an Audio CD. *Details are on page 22.*

Stop ■ Button
Press to stop Disc play.

Fast Forward ▶▶ Button
Press to fast forward the Disc. *Details are on page 22.* On a DVD, press the Pause ❚❚ button, then press the Fast Forward ▶▶ button to begin slow motion playback. Press the Fast Forward ▶▶ button repeatedly to change the forward speed of slow motion. *Details are on page 23.*

TITLE Button
Press to display the Title menu of the DVD, if available. *Details are on page 20.*

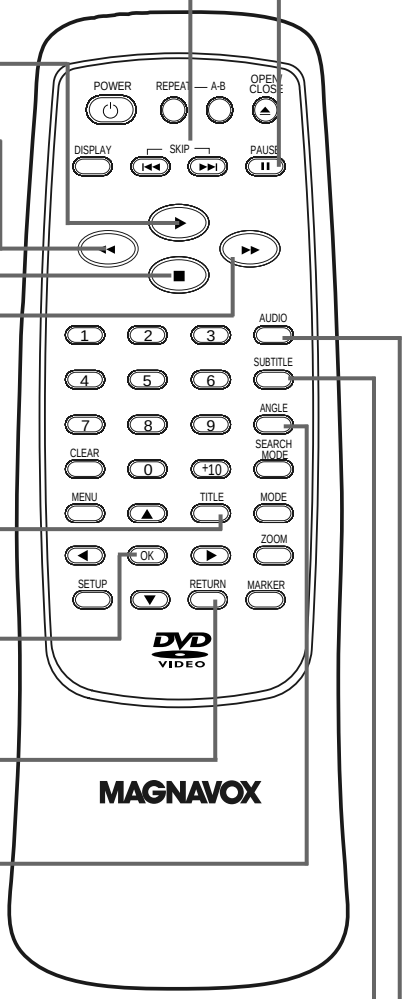
OK Button
Press to select, change, or confirm a setting in the DVD Player's Setup menu.
Press to select a feature in the DVD Disc menu.

RETURN Button
Press to return to the previous DVD Player Setup menu or to remove the Setup menu from the TV screen.

ANGLE Button
Press to view the picture from a different angle (if available). Press to choose one of the available angles. *Details are on page 34.*

SUBTITLE Button
Press to select a language for the subtitles (among those available) or to turn off the subtitles. *Details are on page 33.*

AUDIO Button
Press to choose one of the audio languages available on a DVD or to choose a Stereo sound mode during Audio CD playback. *Details are on page 32.*



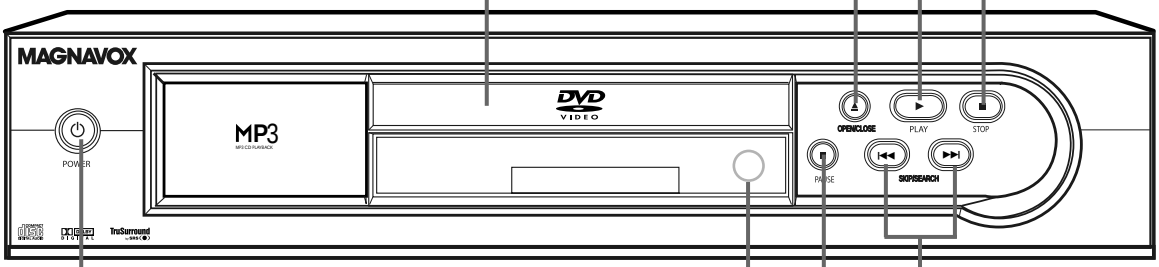
16 Front Panel

STOP ■ Button
Press to stop Disc playback. *Details are on page 19.*

PLAY ► Button
Press to start or resume Disc playback. *Details are on page 19.*

OPEN/CLOSE ▲ Button
Press to open or close the Disc tray.
Details are on page 19.

Disc tray
Insert a Disc here.



Remote Sensor
Receives a signal from your remote control so you can operate your DVD Player from a distance.

PAUSE ❚❚ Button
Press to pause Disc playback. Press repeatedly to advance DVD playback one frame at a time. *Details are on page 21.*

POWER ⏻ Button
Press to turn the DVD Player's power on and off. *Details are on page 19.*

SKIP/SEARCH ⏮ / ⏭ Buttons
Press to go to previous or subsequent Tracks or Chapters. Press and hold for about three seconds for a fast forward or reverse search.

Display Panel 17

Display with Dimmer
Messages about current DVD Player operations appear here. See Display Messages below. You can adjust the brightness of the display. *Details are on pages 40-41.*

DVD: Lights when a DVD is in the tray and ready for playback.

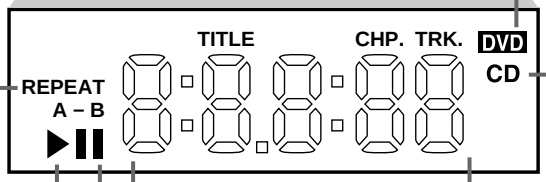
CD: Lights when an Audio CD is in the tray and ready for playback.

REPEAT: Appears during Repeat Playback, along with A-B, TITLE, CHP, or TRK. *Details are on pages 26-27.*

►: Appears during Disc playback.

❚❚ : Appears when play is paused.

Displays the elapsed playing time of the current Title or Track. Briefly displays Title, Chapter, or Track numbers.



Display Messages

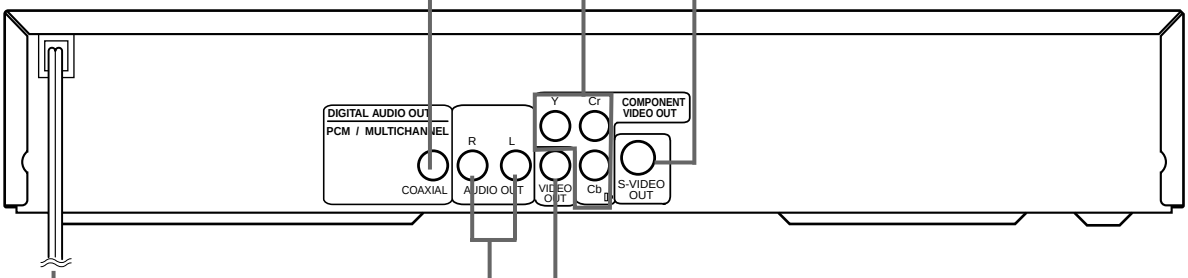
P-ON	Power is turning on.	CLOSE	Tray is closing.
- - - -	Appears after the disc tray closes if the tray is empty, if there is an error reading the disc, or if an unacceptable disc is installed.	Load	Disc is loading.
OPEN	Tray is opening or is open.	P-OFF	Power is turning off.

18 Rear Panel

Y Cr Cb COMPONENT VIDEO OUT Jacks
Connect optional component video cables here and to the component Video In jacks of a television. *Details are on page 12.*

COAXIAL Jack
Connect an optional audio coaxial digital cable here and to the coaxial digital Audio In jack of a stereo. *Details are on pages 11 and 13.*

S-VIDEO OUT Jack
Connect an optional S-Video cable here and to the S-Video In jack of a television. *Details are on page 10.*



AC Power Cord
Connect to a standard AC outlet to supply power to the DVD Player.

VIDEO OUT Jack
Connect the yellow video cable (supplied) here and to the TV's Video In jack. *Details are on pages 9, 11, and 13.*

AUDIO OUT Jacks
Connect the supplied red and white audio cables here and to the Audio In jacks of a television or stereo. Match the cable colors to the jack colors. *Details are on pages 9, 10, and 12.*

Helpful Hint

- *You only need one audio connection and one video connection, so you will not have a cable connected to every jack. For example, if you are using the S-VIDEO OUT jack, you will not use the yellow VIDEO OUT jack or the Y Cr Cb COMPONENT VIDEO OUT jacks.*

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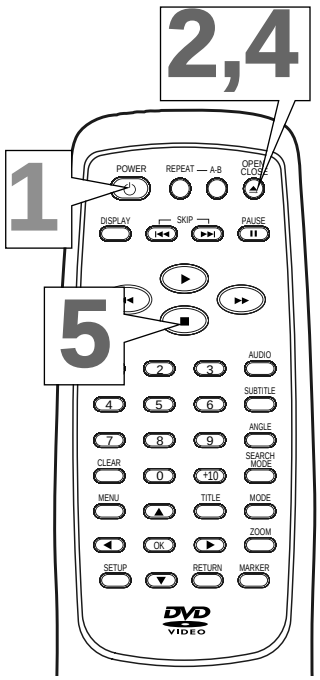
DVD AUDIO CD

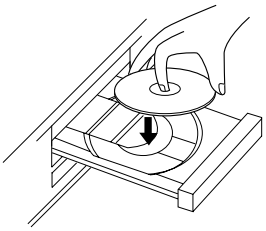
Before you begin, turn on the power of the TV, stereo, and any other equipment connected to the DVD Player. Make sure the TV and the stereo (if applicable) are set to the correct channel. *Details are on pages 8-13.*



1 **Press POWER to turn on the DVD Player.** P-ON will appear briefly on the display panel.

2 **Press OPEN/CLOSE ⏏ to open the Disc tray.**

3 **Place a Disc into the tray.** Make sure the Disc is sitting properly in the recessed groove of the tray. Some DVDs are recorded on both sides. Make sure the side you want to play is facing up. Or, if the DVD is recorded on only one side, place the Disc in the tray with the label facing up (shiny side facing down).



4 **Press OPEN/CLOSE ⏏ to close the tray.** Disc playback may start automatically. Or, if the DVD has a menu, the menu may appear on the screen instead. *Details are on page 20.*
With some Audio CDs, playback will not begin until you press Play ►.
To search forward or backward during playback, see page 22.

5 **Press Stop ■ to stop playback.**

Remember, this DVD Player will play only certain Discs. See page six for details.

Helpful Hints

- *An "X" may appear in the top right corner of the TV screen when you try a feature. This means either the feature you tried is not available on the Disc, or the DVD Player can not access the feature at this time. This does not indicate a problem with the DVD Player.*
- *If a Disc is dirty or has scratches, the pictures may appear distorted and playback may stop. In such cases, remove the Disc and turn off the DVD Player. Unplug the power cord, then reconnect it to the power outlet. Clean the Disc, then turn on the DVD Player again and reinsert the Disc for playback.*
- *If a Disc has multiple layers, the picture may freeze occasionally. This happens when the first layer switches to the second layer. This is not a malfunction.*

20 Menus

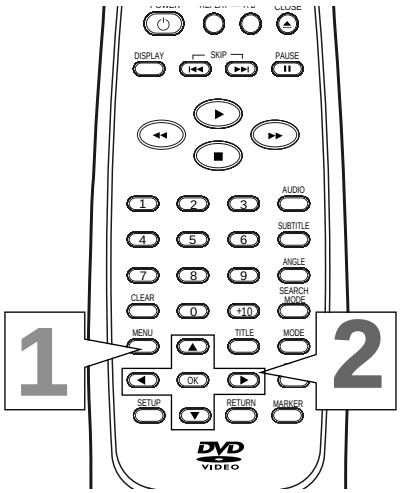
DVD

DVD Disc Menus

Some DVDs contain menus that describe the contents of the Disc or allow you to customize Disc playback. For example, the menu may offer choices for subtitle languages, director's commentary, or soundtrack playback.
To use the DVD menu and select playback features, follow these steps.

1 **Press MENU.** The DVD's main menu will appear.

2 **Press ▲▼◀► to select an item, then press OK.** Continue this process to set up all the features you wish to see on the Disc or to start playback.

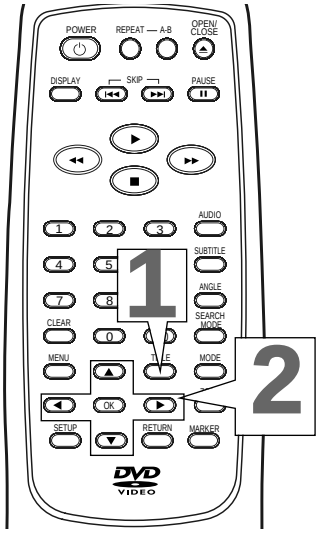


Title Menu

Some DVDs have a Title Menu, which lists the Titles available on the Disc. Use the Title Menu to start playback at a specific Title.

1 **While playback is stopped, press TITLE.**
The Title Menu will appear.
If a Title menu is not available, the "X" may appear on the TV screen. If the DVD only has a main menu, the main menu may appear when you press the TITLE button.

2 **Press ▲▼◀► to select the desired Title, then press OK.**
Playback will begin at the Title you selected.



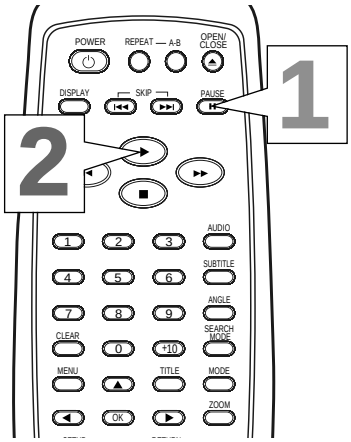
Helpful Hints

- *Menus may vary among Discs. Refer to the literature accompanying the Disc for details.*
- *Not all DVDs have Title menus.*
- *Some DVDs may refer to Chapters as "scenes." Some DVDs may refer to the Title Menu as the "scene index."*
- *The TITLE button may not be active with all DVDs.*

Paused and Step-by-Step Playback, Resume On 21

DVD AUDIO CD

Paused and Step-by-Step Playback



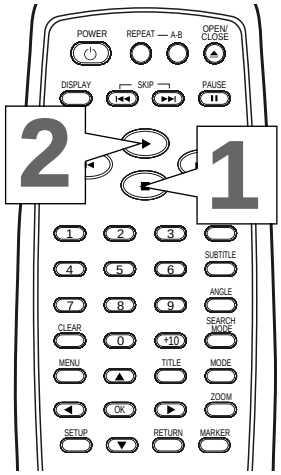
1 **During playback of a DVD or Audio CD, press PAUSE ❚❚.** Playback will pause and the sound will be mute.
During DVD playback, press PAUSE ❚❚ repeatedly to advance the picture one frame at a time.

2 **Press Play ► to resume playback.**

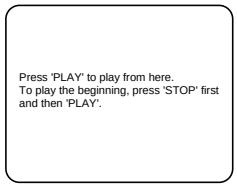
DVD AUDIO CD

Resume On

You may choose to resume playback from the point at which playback stopped last.



1 **Press Stop ■ during playback.** In a few seconds, the following Resume message will appear on the TV screen.



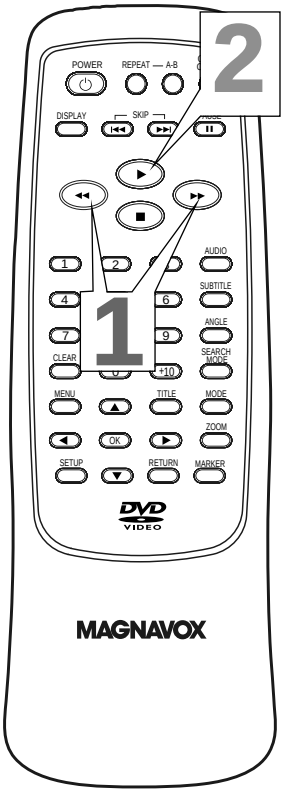
2 **Press Play ►.** In a few seconds, playback will resume from the point at which playback stopped last.

Helpful Hints

- *To cancel resume playback and start playing the Discs from the beginning, press Stop ■ a second time while playback is stopped.*
  The ■ will appear briefly at the top right corner of the TV screen. Press Play ► to play the Disc from the beginning.
- *Resume On is retained when you turn off the DVD Player's power. When you turn on the power again later, RESUME ON will appear on the TV screen when the Disc is loaded and ready for playback. Press Play ► to resume play at the point you last stopped it.*
- *Opening the disc tray will cancel Resume On.*

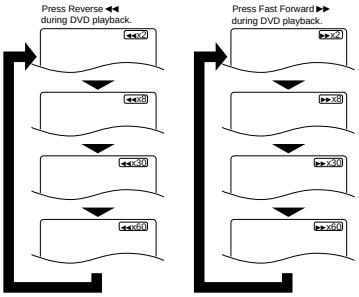
22 Fast Forward/Reverse Search

DVD | AUDIO CD



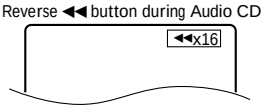
1 **During playback, press Fast Forward ►► or Reverse ◄◄ on the remote control.**

● On a DVD, pressing Fast Forward ►► or Reverse ◄◄ repeatedly will forward or reverse the picture at twice, eight times, 30 times, or 60 times the normal playback speed. Sound will be mute.
Use Fast Forward ►► for a forward search. Press Reverse ◄◄ for a reverse search.

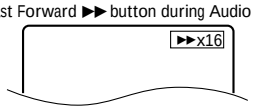


● On an Audio CD, you may search forward or backward at 16 times the normal playback speed (◄◄x16 or ►►x16). Pressing the Fast Forward ►► or Reverse ◄◄ button repeatedly will not affect the speed of the search. Sound will be intermittent during searching on an Audio CD.
Use Fast Forward ►► for a forward search. Press Reverse ◄◄ for a reverse search.

Press the Reverse ◄◄ button during Audio CD playback.



Press the Fast Forward ►► button during Audio CD playback.



2 **Press Play ► to return to normal playback.**

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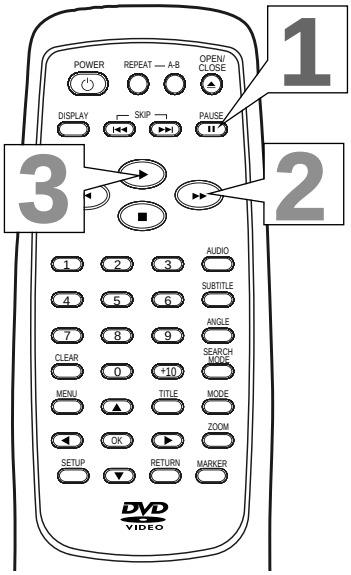
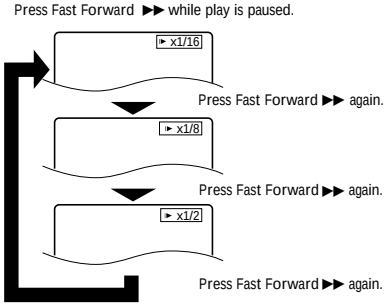
DVD

Slow Motion



1 **Press PAUSE ❚❚ during playback.**

2 **Press Fast Forward ▶▶.** Slow motion playback will begin. Press Fast Forward ▶▶ repeatedly during slow motion playback to vary the speed of slow motion playback. You may play the DVD at 1/16, 1/8, or 1/2 the normal playback speed.

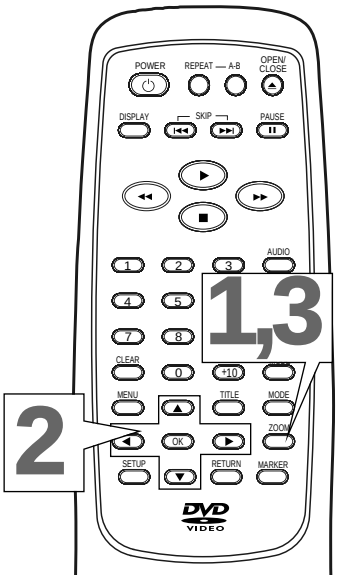

Press Fast Forward ▶▶ while play is paused.
▶ x1/16
Press Fast Forward ▶▶ again.
▶ x1/8
Press Fast Forward ▶▶ again.
▶ x1/2
Press Fast Forward ▶▶ again.

3 **Press Play ▶ to return to normal playback.**

DVD

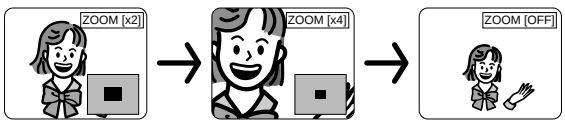
Zoom

You can enlarge the DVD picture during playback or when you have paused the picture. The picture can be two or four times larger than normal.



1 **Press ZOOM during playback or when play is paused.** The picture will appear twice as large. Press ZOOM again to make the picture four times as large as normal.

2 **While the picture is enlarged, press ▲▼◀ ▶ to move the zoomed image up, down, left, or right.** To remove the ■ from the lower right screen corner, press OK.



3 **To return the picture to its normal size, press ZOOM so that ZOOM [OFF]** appears briefly in the top right corner of the TV screen.

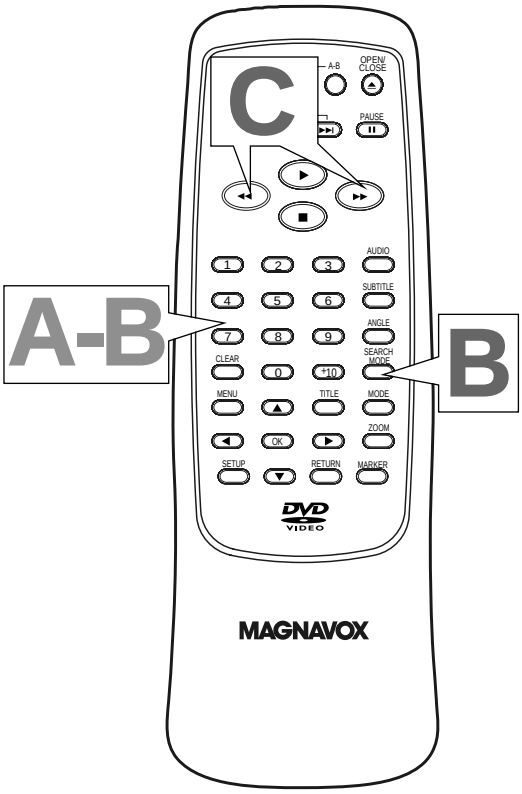
Helpful Hints

- *The sound will be mute when playback is paused and during slow motion playback.*
- *You can not play the DVD in reverse slow motion.*

24 Specific Track Playback

AUDIO CD

There are three ways to begin playback on an Audio CD at a specific Track. You may use the Number buttons, the SEARCH MODE button, or the SKIP ⏮ ⏭ buttons.



A **Using the Number Buttons to Select a Track**

Press the Number buttons to enter the desired Track number. Playback will start at the selected Track. You may select a Track with the Number buttons during playback or when playback is stopped.

For single-digit Tracks (1-9), press a single Number button. For example, to play Track three, press the Number 3 button.

For Tracks 10 and above, press the +10 button once so the Track Search display (TR) appears on the TV screen. Then press the Number button of the first digit, then press the Number button of the second digit.

For example, to play Track 26, press the +10 button, then press the Number 2 button, then press the Number 6 button.

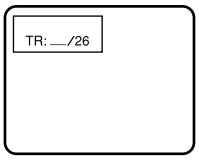
If you enter a Track number that is not available on the Disc, playback will not begin (or the current Track will continue to play). An "X" will appear in the top right corner of the TV screen.

B **Using SEARCH MODE to Select a Track**

Press SEARCH MODE once so the Track Search display appears (TR). Within 30 seconds, press the Number buttons to select the Track number you desire. Playback will begin at the selected Track.

For a single-digit Track (1-9), enter a zero first. For example, to play Track 5, press 0, 5.

For Tracks numbered 10 or above, use the Number buttons. For example, for Track 15, press the Number button 1, then the Number button 5. (You do not have to use the +10 button.)



C **Using SKIP ⏮ ⏭ to Select a Track**

Press SKIP ⏭ during playback to skip the current Track and move to the next Track. Press SKIP ⏭ repeatedly to skip subsequent Tracks.

Press SKIP ⏮ during playback to return to the beginning of the current Track. Press SKIP ⏮ repeatedly to go to previous Tracks.

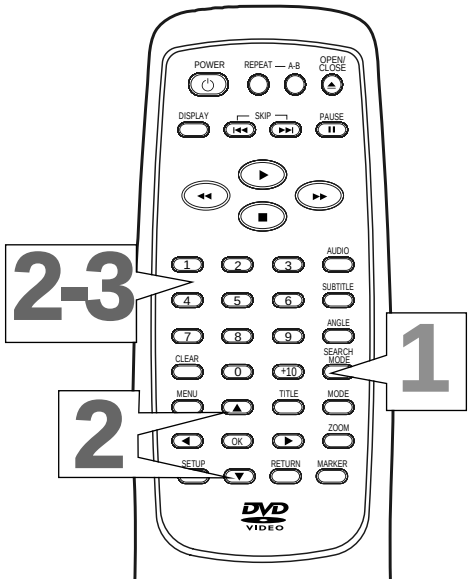
Helpful Hints

- *The SKIP ⏮/⏭ buttons are not active when playback is stopped.*
- *You can not use SKIP ⏮/⏭ to go from the last Track on the disc to the first Track.*

Specific Title/Chapter Playback, Specific Time Playback 25

DVD

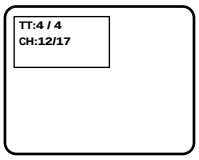
Specific Title/Chapter Playback



1 **Press SEARCH MODE** so the Title/Chapter Search display appears on the TV screen.

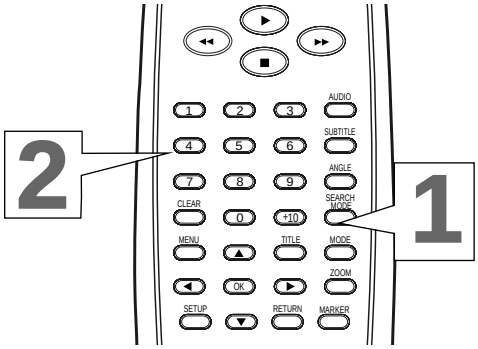
2 **Within 30 seconds, press ▲ or ▼ to select the TT (Title) space, then press the Number buttons to enter the Title number.** CH (Chapter) will be selected next automatically.

3 **While CH is selected and within 30 seconds, press the Number buttons to enter the Chapter number.** The DVD Player will begin playback at the selected Chapter.

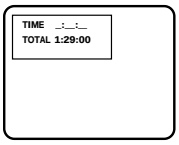


DVD AUDIO CD

Specific Time Playback



1 **During playback, press SEARCH MODE repeatedly** so the Time Search display appears on the TV screen.



2 **Within 30 seconds, use the Number buttons to enter the elapsed playing time at which you want playback to begin.** Within a few seconds, playback will start at the specified time.

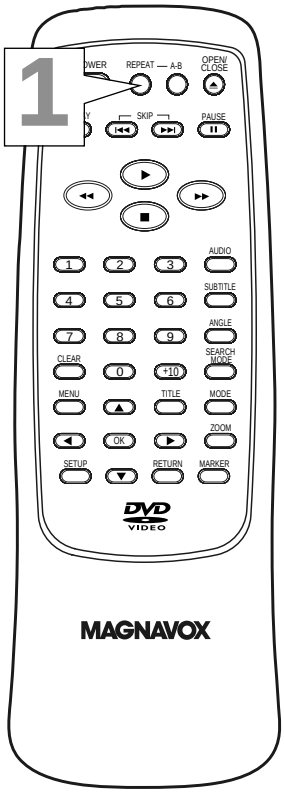
- Example: 1 hour, 23 minutes and 30 seconds
  1 → 2 → 3 → 3 → 0
- Make sure the time you enter is within the total time of the current Title or Track. If it is not, you must re-enter a valid time.
- If you make a mistake, press CLEAR. Then, enter the correct information.

Helpful Hints

- *Title/Chapter playback is not available with some DVDs.*
- *Press SKIP ▶▶| during DVD playback to skip the current Chapter and move to the next Chapter. Press SKIP ▶▶| repeatedly to skip subsequent Chapters. Press SKIP |◀◀ during DVD playback to return to the beginning of the current Chapter. Press SKIP |◀◀ repeatedly to go to previous Chapters.*

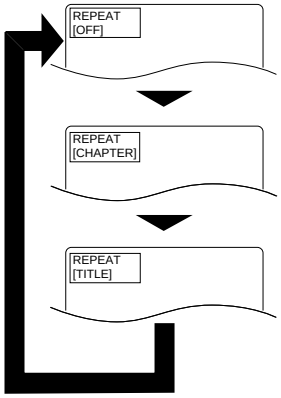
26 Repeat Playback

DVD | AUDIO CD



1 Press REPEAT repeatedly until the repeat mode you want appears in the top left corner of the TV screen.

- On a DVD, repeatedly pressing REPEAT during playback lets you choose Repeat Chapter, Repeat Title, or Repeat Off.
- Selecting a new Chapter or Title will cancel repeat playback on a DVD.

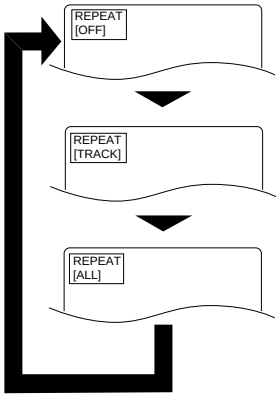


Regular playback will occur.

The current Chapter plays over and over.

The entire current Title plays over and over.

- On an Audio CD, repeatedly pressing REPEAT during playback lets you choose Repeat Track, Repeat All, or Repeat Off.
- Selecting a new Track will cancel repeat playback on an Audio CD.



Repeat playback is cancelled.

The current Track will play repeatedly.

The entire Audio CD will play repeatedly.

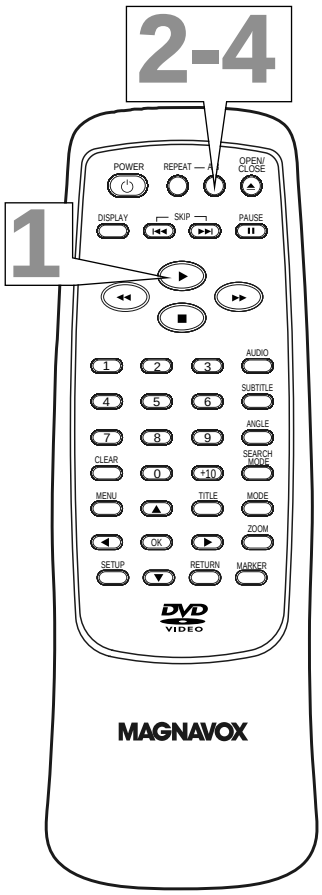
Helpful Hint

- *Repeat playback is not available with some Discs.*

A-B Repeat Playback 27

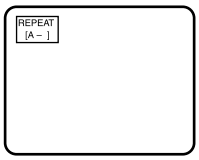
DVD AUDIO CD

You can play a section of an Audio CD or DVD repeatedly. Follow these steps to set up the section that you want to play over and over.

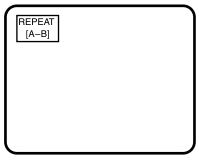


1 **Press Play ► to play the Disc to the point at which you want repeated playback to begin.**

2 **Press A-B REPEAT to set the starting point (A).** If you make a mistake, press CLEAR. This will erase point A and let you start over. REPEAT [OFF] will appear briefly on the TV screen.



3 **Play the Disc to the point at which you want repeated playback to end, then press A-B REPEAT again.** Within a few seconds, the section will begin to play. The segment will play over and over until you cancel the A-B Repeat feature.



4 **To cancel A-B Repeat Playback, press A-B REPEAT so REPEAT [Off] appears on the TV screen.** Regular Disc playback will resume.

Helpful Hints

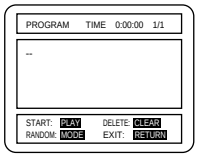
- *A-B Repeat playback is not available with some DVDs.*
- *With DVDs, the entire A-B repeat section must be within a single Title. The DVD Player will automatically set the end point (B) at the end of the Title if you do not set "B" before the end of the Title is reached.*
- *With Audio CDs, the A-B repeat section must be within a single Track. The DVD Player will automatically set the end point (B) at the end of the Track if you do not set "B" before the end of the Track is reached.*
- *Point B must be later on the Disc than Point A.*
- *You can not set up A-B Repeat Playback during Repeat playback (as described on page 26).*

28 Programmed Playback

AUDIO CD

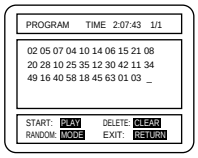
You may determine the order in which Tracks will play. The order that you set is called the Program. To set up programmed playback, follow these steps.

1 **While playback is stopped, press MODE.** The Program screen will appear.



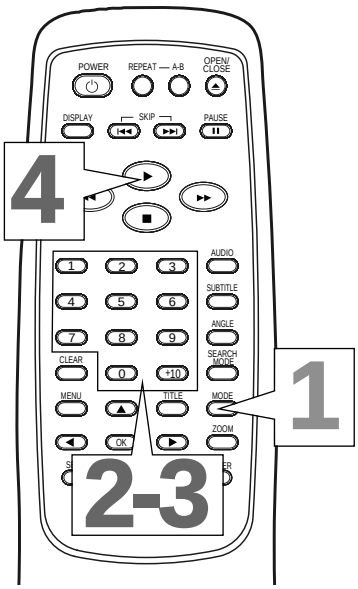
2 **Press the Number buttons to enter the number of the first Track you want to play.**

- Press CLEAR to erase the last Track in the Program.
- Enter single-digit Tracks with a single Number button. For example, for Track three, press the Number 3 button.
- For Tracks 10 and above, press the +10 button, then the Number button for the first digit, then the Number button for the second digit. For example, to play Track 26, press the +10 button, then press the Number 2 button, then press the Number 6 button.
- The first Program screen can display 50 Tracks. Press ▼ to go to the next page, which can display 49 Tracks. Press ▲ to return to the first Program screen.



3 **Repeat step 2 until you have selected all the Tracks you wish to play in the Program.** Make sure the Track numbers you enter are available on the Audio CD. If you enter an incorrect Track number, you must re-enter a valid Track number.

4 **Press Play ►.**
The Tracks will play in the order in which you programmed them. The Program will play once. Turning off the Player or opening the disc tray will erase the Program.



Helpful Hints

- *You can not use the Number buttons or SEARCH MODE to select another Track during programmed playback. You may use the SKIP ▶▶| / |◀◀ buttons to select other Tracks within the Program. Details are on page 24.*
- *You can not combine random playback with programmed playback.*
- *You may play a Program or a Track within a Program repeatedly. During programmed playback, press REPEAT so REPEAT [ALL] or REPEAT [TRACK] appears. The entire Program or the current Track will play over and over.*
- *You can not alter a Program during program playback.*
- *While the Program is playing, press MODE to see the Program screen. The currently playing Track will appear in yellow. To remove the Program screen, press RETURN.*
- *A Program can have a maximum of 99 Tracks.*

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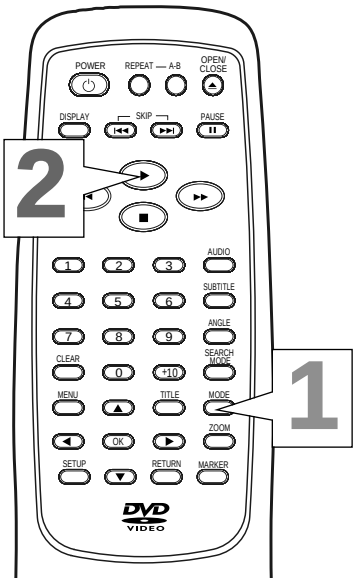
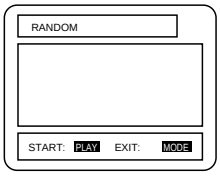
AUDIO CD

Random Playback

You may play the Tracks of an Audio CD in Random order instead of the order in which they are recorded (1,2,3...). To set up Random Playback, follow these steps.



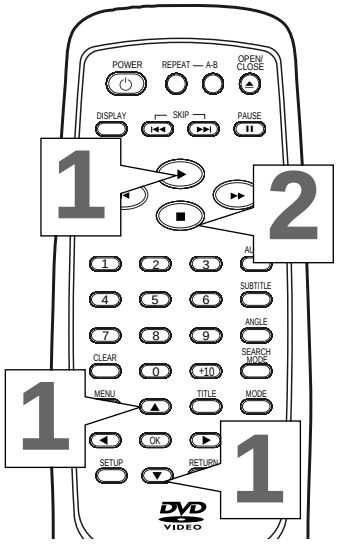
1 **While playback is stopped, press MODE twice so the RANDOM screen appears.**



2 **While the RANDOM screen appears, press Play ►.** The Tracks will play in random order. After each Track plays once, playback will stop.

MP3

MP3 Playback



1 When you put a CD-RW with MP3 files in the DVD Player, the MP3 menu will appear on the TV screen. **While playback is stopped, press ▲ or ▼ to select the Album or Track you want to play.**

- If you choose a Track, press Play ►or OK. The tracks will play in the order in which they were recorded, i.e. 1, 2, 3, starting with the Track you selected.
- If you select an Album and press OK, the Track selection screen will appear. Press ▲ or ▼ to select the Track you want to play, then press Play ►or OK.
- Choose FIRST PLAY to start play from the first Track listed.
- Press the TITLE button to go back to the first item on the first MP3 screen.

2 **To stop playback, press Stop ■ .**

Helpful Hints

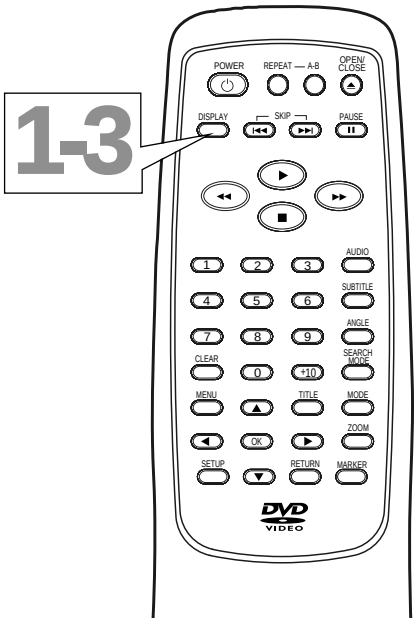
- *Folders are known as Albums; files are known as Tracks.*
- *A "+" will appear at the start of the Album name.*
- *If all the Tracks can not appear on the screen at the same time, ▼ indicates more Tracks on the next screen; ▲ indicates previous screens. The current screen number and the total number of screens will appear on the screen.*
- *The player will recognize a total of 255 Albums and Tracks.*

30 MP3 Display Information, MP3 Track Selection

MP3

MP3 Display Information

You can check the MP3 files during playback.



1 **Press DISPLAY during playback.** The currently playing Track will be highlighted in yellow.

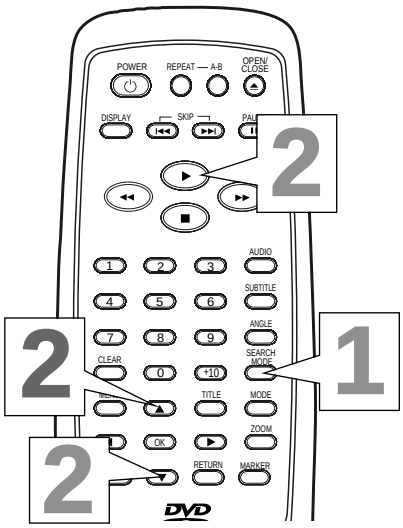
2 **Press DISPLAY again.**
The elapsed playing time of the current track will appear at the top of the display.

- T indicates Track repeat.
- A indicates Album (folder) repeat
- D indicates Disc repeat

3 **Press DISPLAY again to remove the display.**

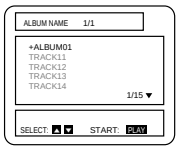
MP3

MP3 Track Selection



1 **Press SEARCH MODE button.**

- The SEARCH menu will appear.
- The current Track or the Track at which play will Resume (Resume On) will be highlighted. If Resume is off and playback is stopped, "FIRST PLAY" will be highlighted.



2 **Press ▲ or ▼ to select a Track you want to play. Press Play ► to start playing the Track.**

- Press the RETURN or SEARCH MODE button to remove the SEARCH menu.

Helpful Hints

- *During playback, press the Number buttons to select another Track, which will begin playing immediately. Or, press SKIP ⏮ or ⏭ to move to previous or subsequent Tracks.*
- *If the Track you chose is not available or can not be accessed, "X" will appear in the top right corner of the TV screen. Play may resume at a different Track.*
- *Specific Time playback is not possible with MP3 files.*

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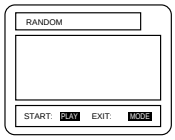
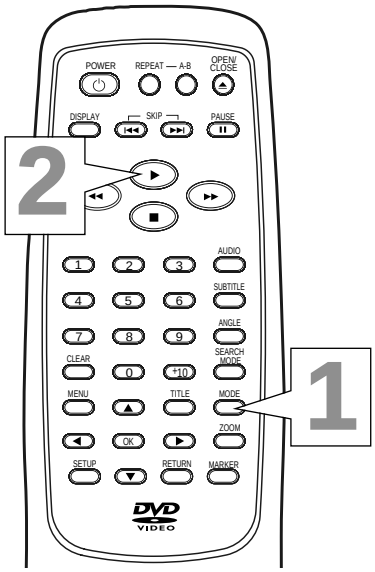
MP3

Random MP3 Playback

1 **Press MODE twice while playback is stopped.**



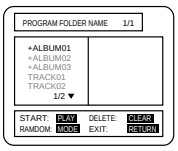
2 **Press Play ►** to play the tracks in random order.



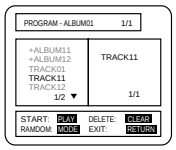
MP3

Programmed MP3 Playback

1 **While playback is stopped, press MODE**. The Program screen will appear.

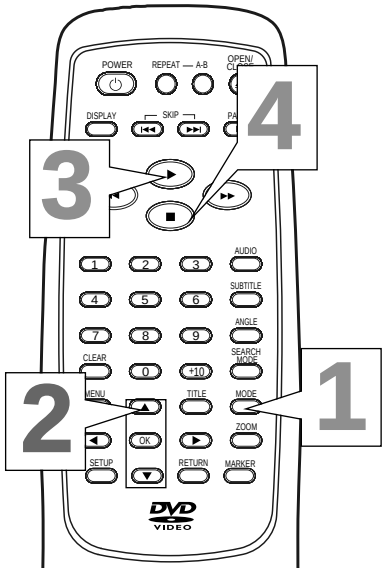


2 **Press ▲ or ▼ to select a track, then press OK to save it in the Program.** The programmed track will appear on the right side of the Program screen. Press ▲ or ▼ if necessary to see additional Tracks. Repeat step 2 to enter all the Tracks you want.



3 **Press Play ►** to start programmed playback.

4 **Press Stop ■** to stop playing the Program.



Helpful Hints

- *Press CLEAR to delete the last item in the Program.*
- *Turning off the DVD Player's power or opening the Disc tray will erase the entire Program.*

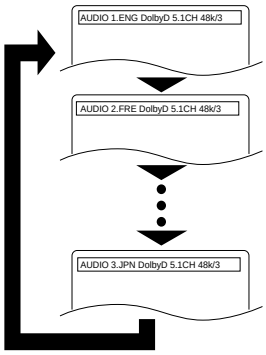
32 Audio Language, Stereo Sound Mode

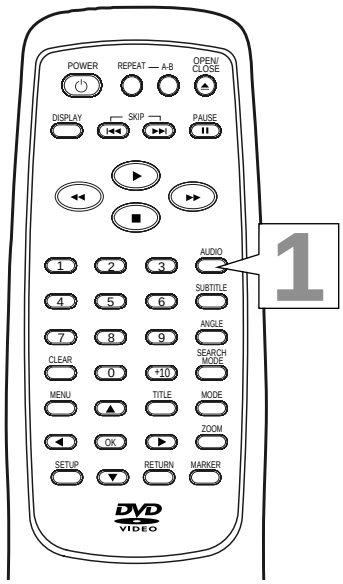
DVD

Audio Language

The DVD Player allows you to select a language for DVDs during playback. You can change the language only if multiple languages are available on the DVD.

1 **Press AUDIO during playback so the audio display appears at the top of the TV screen.** Press AUDIO repeatedly until you select your desired language.

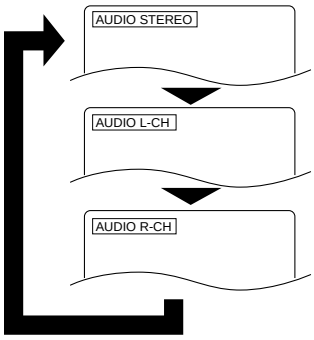




AUDIO CD

Stereo Sound Mode

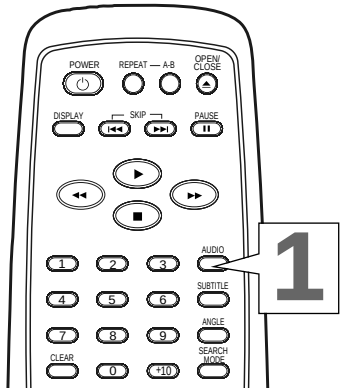
1 **Press AUDIO repeatedly during playback to choose AUDIO STEREO, AUDIO L-CH, or AUDIO R-CH.**



Both right and left channels are active (stereo).

Only the left channel is active.

Only the right channel is active.



Helpful Hints

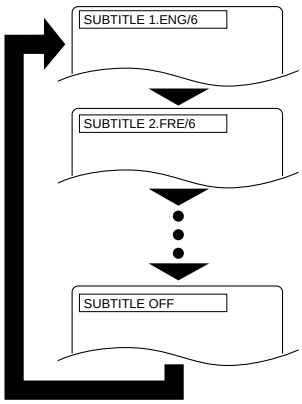
- *If a desired language is not available after pressing AUDIO several times, the DVD does not have that language.*
- *The display will disappear after about five seconds.*
- *Some DVDs only allow you to change the language in the Disc menu.*
- *If you are using the COAXIAL jack, changing the sound mode is not applicable. Details are on pages 11 and 13.*
- *For some Audio languages, three dashes (- - -) may appear instead of a three-letter abbreviation for the language (ENG, FRE, etc.).*

Subtitle Language 33

DVD

The DVD Player allows you to select a language for subtitles during playback. You may select only the subtitles that are available on the Disc.

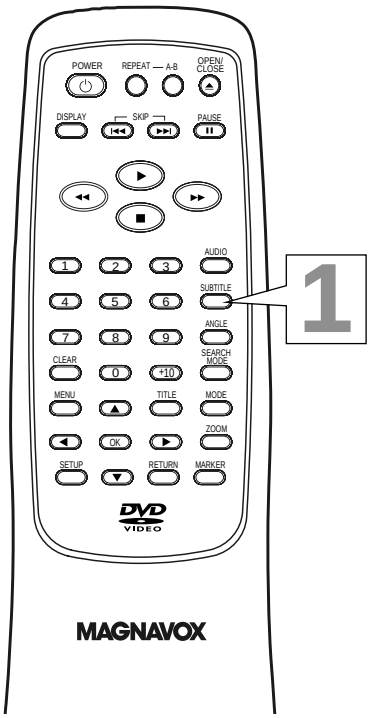
1 **Press SUBTITLE repeatedly to select a subtitle language.** The subtitle display will appear at the top of the TV screen. The number of available languages appears at the right of the audio display. In this example, six languages are available (1/6). The display will disappear after about five seconds.



Press SUBTITLE.

Press SUBTITLE to select another language.

To turn off subtitles, press SUBTITLE or ◄/► repeatedly until SUBTITLE OFF appears in the display.



Helpful Hints

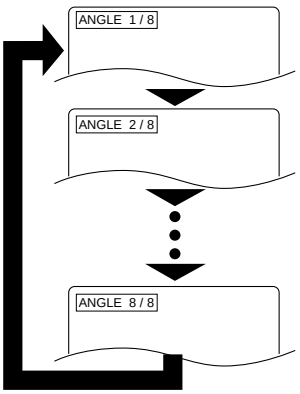
- *With some DVDs, you may select a subtitle language only in the Disc menu.*
- *If the desired language does not appear after pressing the SUBTITLE button several times, the Disc does not have subtitles in that language.*
- *The subtitles may be delayed for a few seconds.*
- *For some Subtitle languages, three dashes (- - -) may appear instead of a three-letter abbreviation for the language (ENG, FRE, etc.).*

34 Camera Angles

DVD

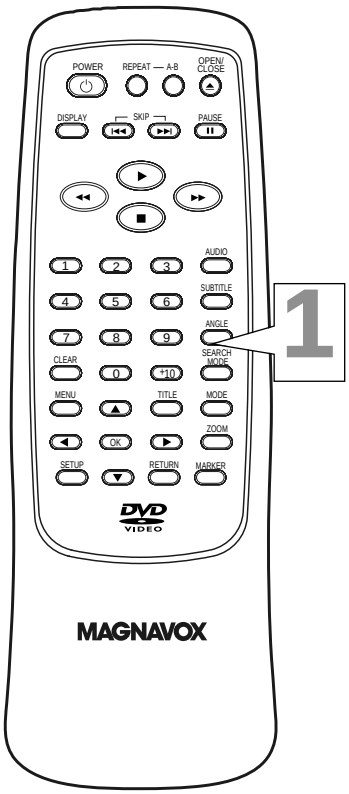
Some DVDs contain scenes that were recorded from different angles. You may select a camera angle with the DVD Player's remote control during playback.

1 **Press ANGLE repeatedly to select a different angle.** The Angle display will appear in the top left corner of the TV screen. The number of available angles appears at the right of the Angle display. In this example, eight angles are available (1/8).
The Angle display will disappear after about five seconds. Playback will continue from the angle you selected, as long as it is available.



Angle 1 of eight available angles

Press ANGLE repeatedly to select another angle.

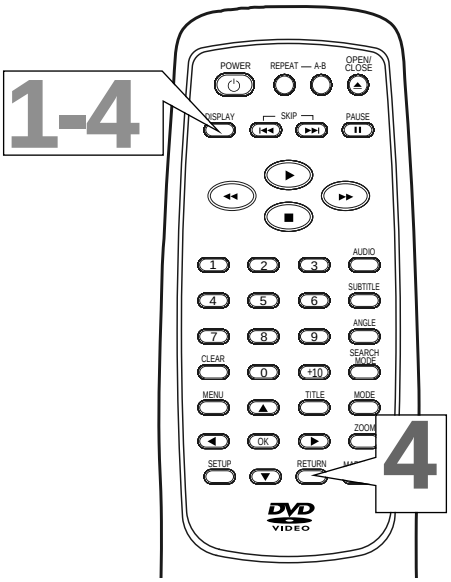


Helpful Hints

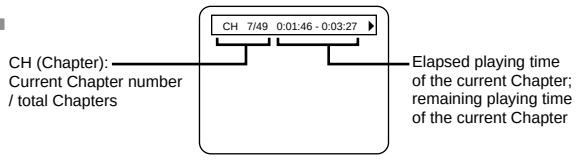
- *The current camera angle will appear when you first press ANGLE.*
- *If the Disc contains sequences recorded from different camera angles, the angle symbol will appear at the top right corner of the screen. You can change the camera angle when the symbol appears on the screen. ANGLE ICON must be ON. Details are on pages 40-41.*
- *The camera angle will not change if the Disc does not contain sequences recorded from different camera angles.*

DVD

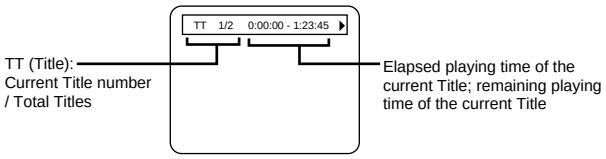
You can check information about the current Disc by pressing DISPLAY on the remote control.



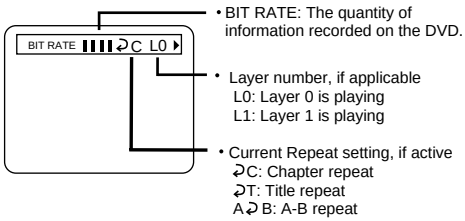
1 **Press DISPLAY during playback.**



2 **Press DISPLAY again.** If you want, you can press a Number button now to start playing a specific Chapter.

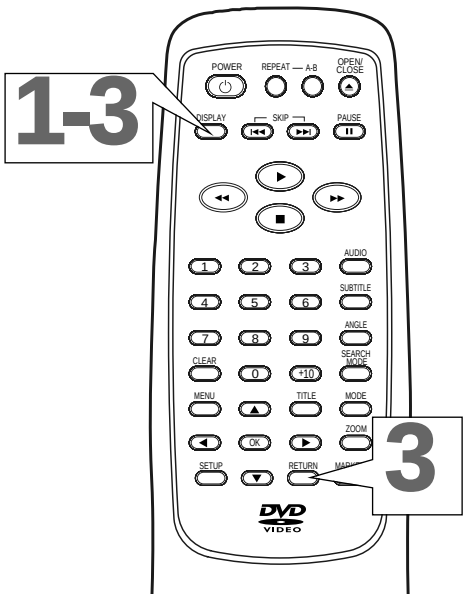


3 **Press DISPLAY again.**

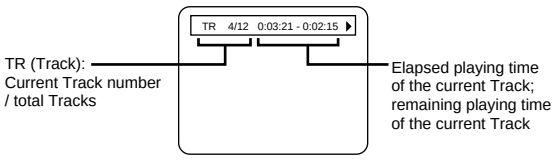

BIT RATE C L0
• BIT RATE: The quantity of
information recorded on the DVD.
• Layer number, if applicable
L0: Layer 0 is playing
L1: Layer 1 is playing
• Current Repeat setting, if active
C: Chapter repeat
T: Title repeat
A B: A-B repeat

4 **Press DISPLAY or RETURN to remove the display.**

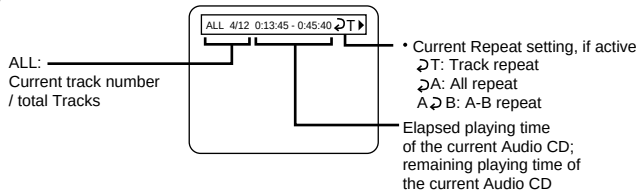
AUDIO CD



1 **Press DISPLAY during playback.**



2 **Press DISPLAY again.** If you want, you can press a Number button now to start playing a specific Track.

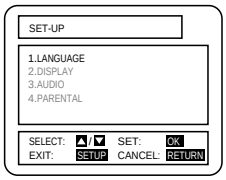


3 **Press DISPLAY or RETURN to remove the display.**

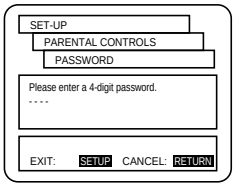
36 Parental Controls Password

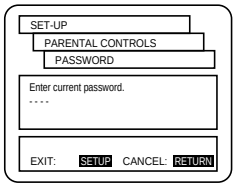
Follow these steps to change your Parental Controls password. You will need a password to change the levels of the Parental Controls and to play Discs that are locked by Parental Controls.

1 **While playback is stopped, press SETUP.** The setup screen will appear.



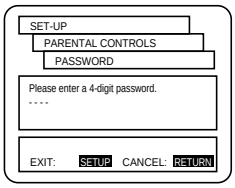
2 **Press the Number 4 button to select Parental.** The SET-UP PARENTAL CONTROLS PASSWORD menu will appear.





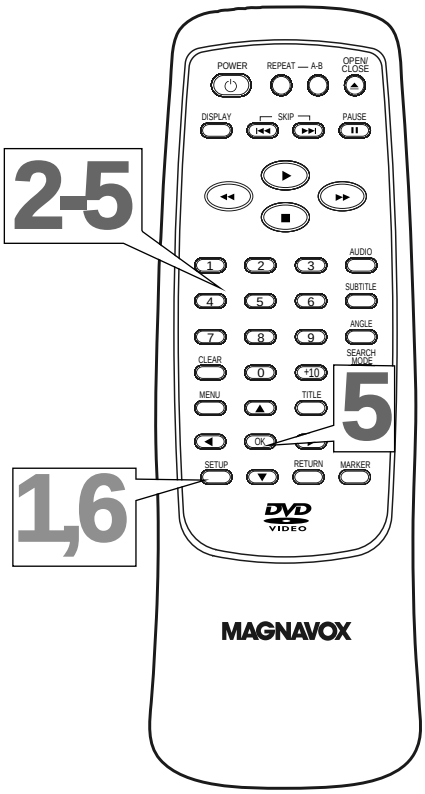
3 **Press the Number buttons to enter your four-digit password.** When doing this for the first time, enter any four digits, then press OK. That number will be used as the password from that point forward.

4 **Press the Number 2 button to select CHANGE.**



5 **Press the Number buttons to enter your new four-digit password, then press OK.**

6 **Press SETUP to remove the menu.**

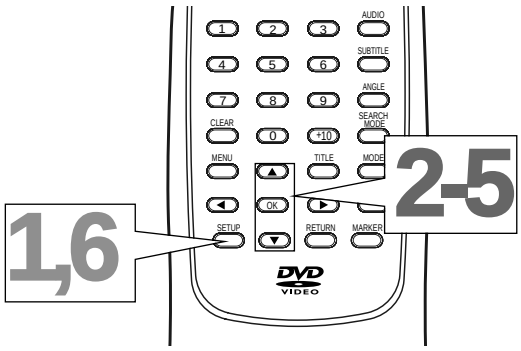


Helpful Hints

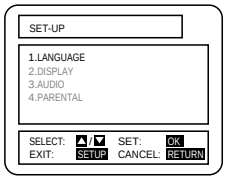
- *Write down your password in case you forget it.*
- *The default (factory preset) password is 4737. If you forget your password, press Number buttons 4, 7, 3, 7 at step 3. The Player immediately will ask you to enter a new four-digit code. Use the Number buttons to enter a new four-digit code, then press OK. PARENTAL LEVEL automatically will be reset to ALL. See page 37 to reset PARENTAL LEVEL as you desire.*

Parental Controls Levels 37

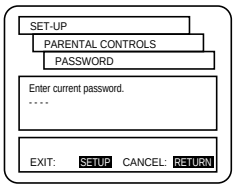
Follow these steps to set the rating level for Parental Controls. Discs whose ratings exceed the level you set will not play. See Helpful Hints below.



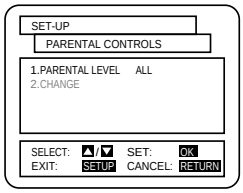
1 **While playback is stopped, press SETUP.** The setup screen will appear.



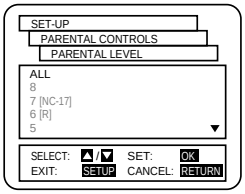
2 **Press the Number 4 button to select Parental.** The SET-UP PARENTAL CONTROLS PASSWORD screen will appear.



3 **Press the Number buttons to enter your four-digit password.** If your entry is incorrect, press OK, then enter the correct password as prompted by the on-screen message.



4 **Press the Number 1 button to select Parental Level.**



5 **Press a Number button to select the level you desire.** For example, if you want to play Discs rated PG-13, press the Number 4 button. The level you select will appear on the screen beside PARENTAL LEVEL in the SET-UP PARENTAL CONTROLS screen.

6 **Press SETUP to remove the menu.**

RATING EXPLANATIONS

- ALL - Parental Controls is inactive. All discs can play.
- 8 - Adult material
- 7 - NC-17 Not appropriate for children under 17
- 6 - R - Restricted; parental approval required for viewers under 18.
- 4 - PG-13 - Unsuitable for children under 13
- 3 - PG - Parental Guidance suggested.
- 1- G - General Audience; recommended for audiences of all ages.

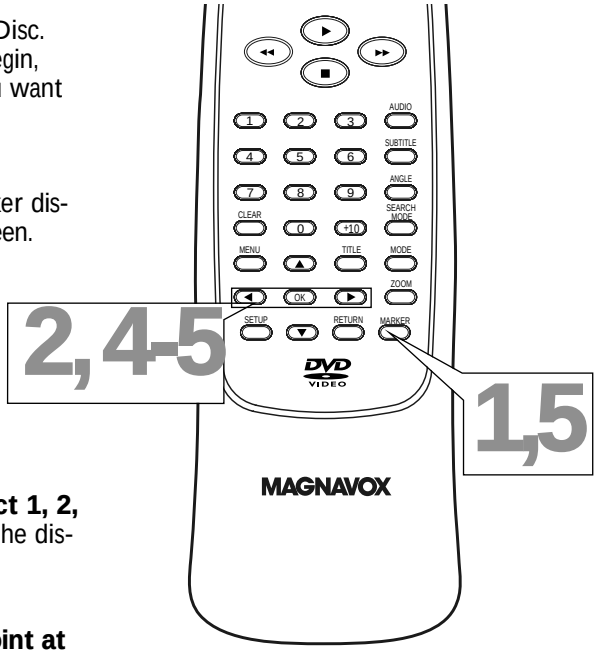
Helpful Hints

- *When you play a Disc whose rating exceeds the level you set, a message will appear on the screen, indicating the Disc cannot play. If this happens, remove the Disc, then select a level that allows playback. Or, select All to turn off Parental Controls. Load the Disc again and begin playback as usual. Some Discs may allow you to enter your four-digit password to begin playback. Refer to the instructions of the Disc.*
- *Some DVDs are not compatible with Parental Controls. Make sure the DVD plays according to the Parental Controls settings you have made before you allow children access to the DVD Player.*
- *You can not change Parental Level settings until you enter the correct password.*

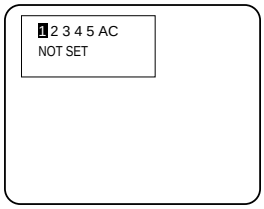
38 Marker Setup Screen

DVD AUDIO CD

Use Markers to remember your favorite places on a Disc. To set the Markers, follow these steps. Before you begin, play the Disc to approximately the point at which you want to place the Marker.



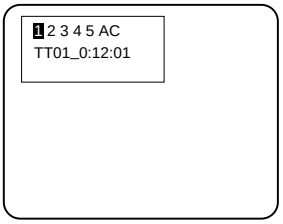
1 **During playback, press MARKER.** The Marker display will appear in the top left corner of the screen.

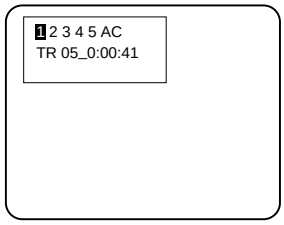


2 **Within 30 seconds, press ◄ or ► to select 1, 2, 3, 4, or 5.** Make sure "NOT SET" appears in the display beneath the number you select.

3 **Within 30 seconds, play the Disc to the point at which you want to set the Marker.**

4 **When the Disc reaches the point that you want to remember, press OK.** The Title and elapsed playing time (DVD) or Track and its elapsed playing time (Audio CD) will appear in the display.





5 **To return to the Marker later, press MARKER during playback. Press ◄ or ► to choose the Marker you want, then press OK.** Disc play will continue from the marked point.

Helpful Hints

- *Opening the disc tray or turning off the DVD Player will erase all the Markers.*
- *To erase a single Marker, press MARKER, then press ◄ or ► to select your desired Marker. Press CLEAR. "NOT SET" will appear on the Marker display. Press RETURN or MARKER to remove the display.*
- *To erase all the Markers, press MARKER, then press ► repeatedly to select "AC." Press OK. Press MARKER to remove the display.*

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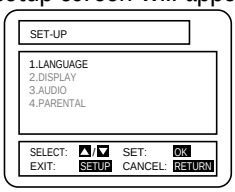
1 **While playback is stopped, press SETUP.** The setup screen will appear.

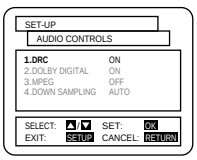


2 **Press the Number 3 button to select Audio.**

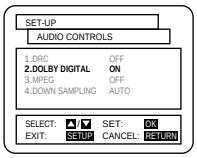
3 **Press ▲ or ▼ to select an item, then follow step 4 accordingly.**

4 ● If you selected DRC, press OK repeatedly to turn Dynamic Range Control (DRC) ON or OFF. This compresses the range of sound volume by suppressing loud sound and raising the volume of low sound.
● If you selected DOLBY DIGITAL, press OK repeatedly to turn DOLBY DIGITAL ON or OFF. Select ON if you connected the DVD Player to a stereo that is Dolby Digital compatible. *Details are on page 11.*
● If you selected MPEG, press OK repeatedly to turn MPEG ON or OFF. Select ON when the DVD Player is connected to an MPEG-compatible Stereo. *Details are on page 11.*
● If you selected DOWN SAMPLING, press OK. Then, press ▲ or ▼ to select AUTO, 48 kHz, or 96 kHz, then press OK. The AUDIO CONTROLS menu will reappear.
Select 96 kHz if the Disc was recorded in PCM 96 kHz. Otherwise, select 48 kHz.

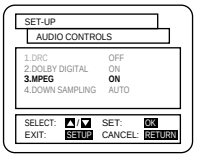
DRC



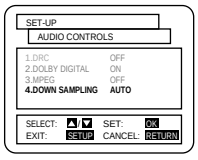
DOLBY DIGITAL



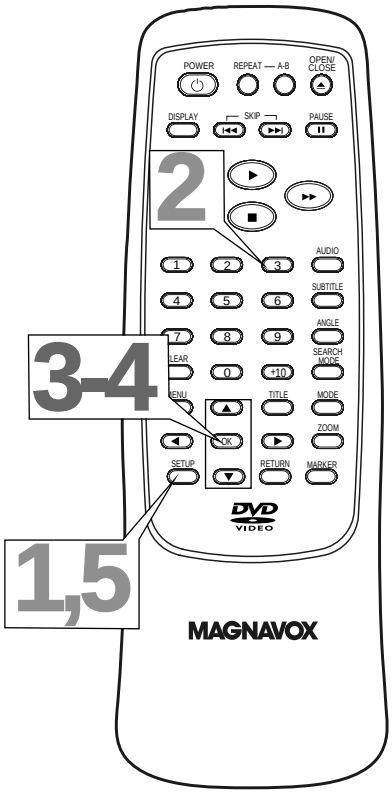
MPEG



DOWN SAMPLING



5 **Press SETUP to remove the menu.**



Helpful Hint

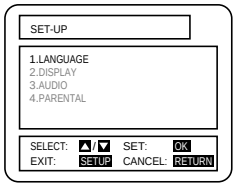
- *Selecting 96kHz activates copyright protection and mutes the sound. Selecting AUTO sets downsampling to 48kHz.*

40 Display Controls

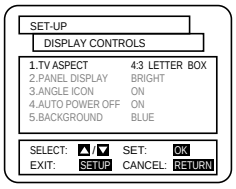
DVD

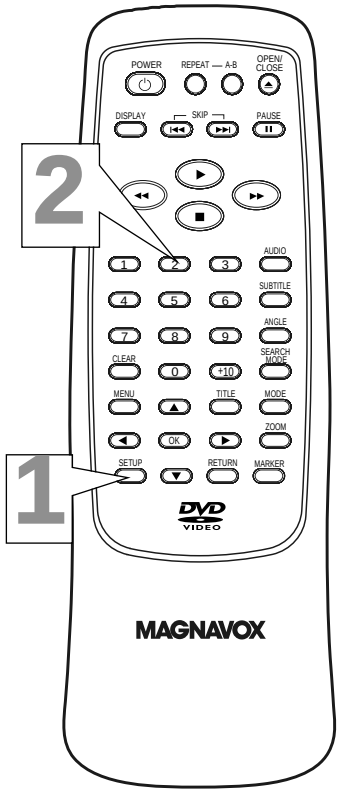
Display Controls

1 **Press SETUP while playback is stopped.** The setup screen will appear.



2 **Press the Number 2 button to select DISPLAY.**





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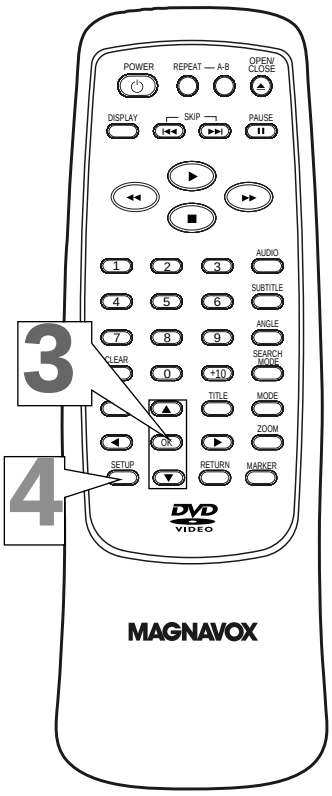
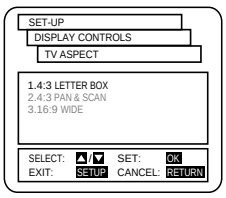
3 **Press ▲ or ▼ to select an item, then press OK.**

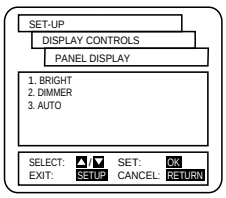
- If you selected TV ASPECT, press ▲ or ▼ to select a setting, then press OK. Choose 4:3 LETTER BOX if you want black bars to appear at the top and bottom of the screen. Choose 4:3 PAN & SCAN for a full height picture, with both sides trimmed. Choose 16:9 WIDE : If a widescreen TV is connected to the DVD Player.
- If you selected PANEL DISPLAY, press ▲ or ▼ to select BRIGHT, DIMMER, or AUTO, then press OK. This adjusts the brightness of the display panel. The default setting is BRIGHT. If you choose AUTO, the display dims only during playback.
- If you selected ANGLE ICON, press OK repeatedly to turn ANGLE ICON ON or OFF. The default setting is ON. Choose ON to see the Angle icon when multiple camera angles are available. *Details are on page 34.* Choose OFF to disable the Angle icon.
- If you selected AUTO POWER OFF, press OK repeatedly to turn AUTO POWER OFF ON or OFF. The default setting is ON. Choose ON if you want the DVD Player to turn itself off automatically after 35 minutes of no use. *Details are on page 47.*
- If you selected BACKGROUND, press OK repeatedly to select BLUE or GRAY as the background color for the on-screen menus.



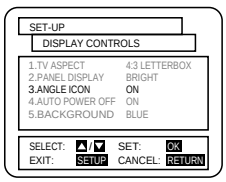
TV ASPECT



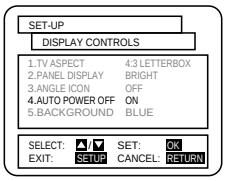
PANEL DISPLAY



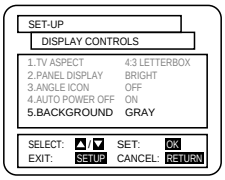
ANGLE ICON



AUTO POWER OFF



BACKGROUND



4 **Press SETUP to remove the menus.**

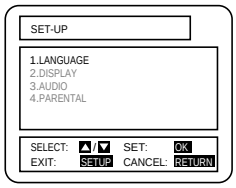
Helpful Hint

- *Selecting a different TV Aspect setting is only effective if it is available on the Disc.*

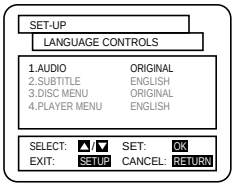
42 Language Controls

DVD

1 **While playback is stopped, press SETUP.** The setup screen appears.



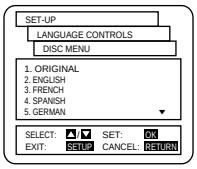
2 **Press ▲ or ▼ to select LANGUAGE, then press OK.**



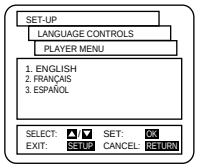
3 **Press ▲ or ▼ to select AUDIO, SUBTITLE, DISC MENU, or PLAYER MENU. Then, press OK.** The menu for the selected item will appear.

AUDIO: The DVD's audio plays in the selected language, if available on the Disc.

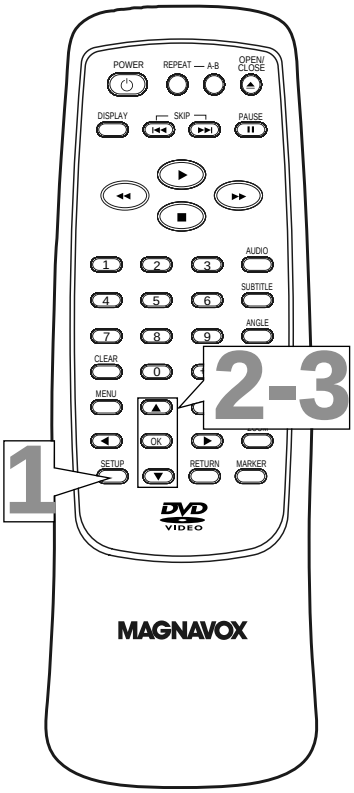
SUBTITLE: Subtitles appear in the chosen language, if available on the Disc.



DISC MENU: A DVD's Disc menu appears in the chosen language, if available.



PLAYER MENU: The DVD Player's Setup menu appears in the selected language.



Helpful Hints

- *If the DVD's default settings for Audio and Subtitle are the same language, the subtitles may not show until you turn them on.*
- *Language options for AUDIO, SUBTITLE, and DISC MENU are not available with some Discs. Use the AUDIO and SUBTITLE buttons instead to select different languages for the audio and subtitles among those available on the Disc. Details are on pages 32-33.*

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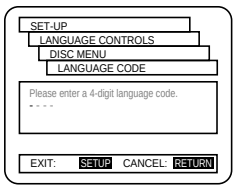
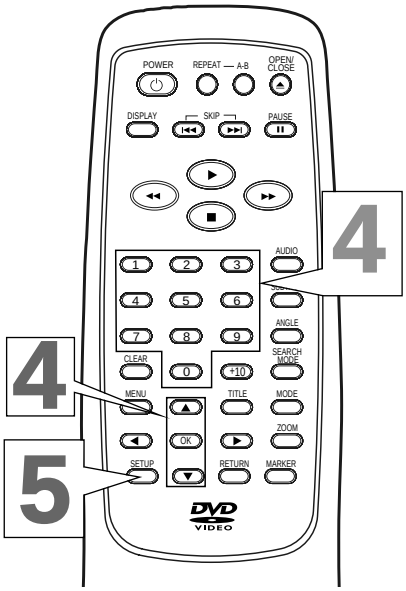
4 **Press ▲ or ▼ to select a setting, then press OK.**

- If you select OTHER at the AUDIO, SUBTITLE, or DISC MENU screen, press four Number buttons to enter the code for the language you desire. Refer to the list below.
- You can only select other languages for AUDIO, SUBTITLE, and DISC MENU if the language is available on the Disc.



5 **Press SETUP to remove the menu.**



Language	Code	Language	Code	Language	Code	Language	Code	Language	Code
A-B		English[ENG]	5160	Javanese	5669	Oriya	6164	Somali	6561
Abkhazian	4748	Esperanto	5161	Kannada	5760	Oromo (Afan)	6159	Spanish[SPA]	5165
Afar	4747	Estonian	5166	Kashmiri	5765	Panjabi	6247	Sundanese	6567
Afrikaans	4752	**F-H**		Kazakh	5757	Pashto	6265	Swahili	6569
Albanian	6563	Faroese	5261	Kinyarwanda	6469	Persian	5247	Swedish[SWE]	6568
Amharic	4759	Fiji	5256	Kirghiz	5771	Polish	6258	**T**	
Arabic	4764	Finnish[FIN]	5255	Kirundi	6460	Portugese[POR]	6266	Tagalog	6658
Armenian	5471	French[FRE]	5264	Korean[KOR]	5761	Pushto	6265	Tajik	6653
Assamese	4765	Frisian	5271	Kurdish	5767	Quechua	6367	Tamil	6647
Aymara	4771	Gaelic (Scots)	5350	**L-N**		Rhaeto-Romance	6459	Tatar	6666
Azerbaijani	4772	Galician	5358	Laothian	5861	Romanian[RUM]	6461	Telugu	6651
Bangla	4860	Georgian	5747	Latin	5847	Russian[RUS]	6467	Thai	6654
Bashkir	4847	German[GER]	5051	Latvian	5868	**S**		Tibetan	4861
Basque	5167	Greek[GRE]	5158	Lettish	5868	Samoan	6559	Tigrinya	6655
Bengali	4860	Greenlandic	5758	Lingala	5860	Sangho	6553	Tonga	6661
Bhutani	5072	Guarani	5360	Lithuanian	5866	Sanskrit	6547	Tsonga	6665
Bihari	4854	Gujarati	5367	Macedonian	5957	Serbian	6564	Turkish[TUR]	6664
Bislama	4855	Hausa	5447	Malagasy	5953	Serbo-Croatian	6554	Turkmen	6657
Breton	4864	Hebrew	5569	Malay	5965	Sesotho	6566	Twi	6669
Bulgarian	4853	Hindi	5455	Malayalam	5958	Setswana	6660	**U-Z**	
Burmese	5971	Hungarian[HUN]	5467	Maltese	5966	Shona	6560	Ukrainian	6757
Byelorussian	4851	**I-K**		Maori	5955	Sindhi	6550	Urdu	6764
C-E		Icelandic[ICE]	5565	Marathi	5964	Singhalese	6555	Uzbek	6772
Cambodian	5759	Indonesian	5560	Moldavian	5961	Siswat	6565	Vietnamese	6855
Catalan	4947	Interlingua	5547	Mongolian	5960	Slovak	6557	Volapuk	6861
Chinese[CHI]	7254	Interlingue	5551	Nauru	6047	Slovenian	6558	Welsh	4971
Corsican	4961	Inupiak	5557	Nepali	6051			Wolof	6961
Croatian	5464	Irish[IRI]	5347	Norwegian[NOR]	6061			Xhosa	7054
Czech	4965	Italian[ITA]	5566	**O-R**				Yiddish	5655
Danish[DAN]	5047	Japanese[JPN]	5647	Occitan	6149			Yoruba	7161
Dutch[DUT]	6058							Zulu	7267

44 Black Level Settings, TruSurround Setting

DVD

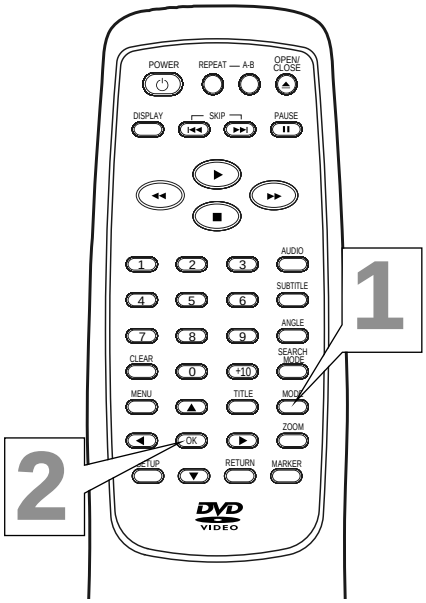
Black Level Settings

Adjust the Black Level Settings to make the black parts of the picture as bright as you prefer.

1 **Press MODE during playback.**

2 **Press OK repeatedly to choose ON or OFF.**
ON makes the dark parts brighter. OFF shows the original picture as recorded.

BLACK LEVEL : ON



DVD

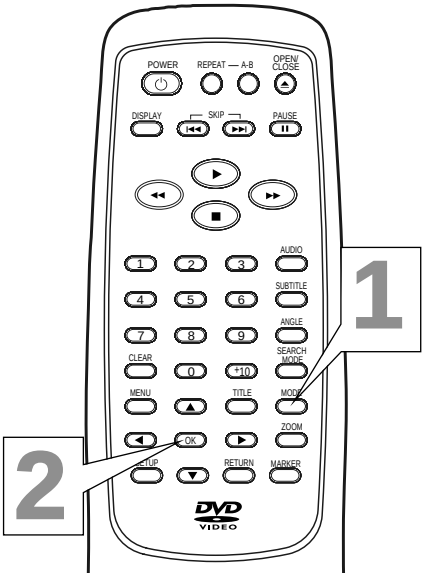
TruSurround Setting

You can enjoy improved stereo sound when you play Discs in Dolby Digital, PCM 48 kHz, or MPEG Audio.

1 **Press MODE twice during playback.**

2 **Press OK repeatedly to choose ON or OFF.**
The default setting is OFF. Choose ON only if you connected the DVD Player to a stereo that has a Dolby Digital or MPEG decoder. *Details are on page 11.* Make sure the current DVD is recorded in Dolby Digital, PCM 48 kHz, or MPEG Audio.

SRS TruSurround ON



Helpful Hints

- *SRS TruSurround is available only when the DVD Player is connected to a TV or Stereo using the red and white AUDIO OUT jacks on the DVD Player.*
- *If you connected the DVD Player to a stereo using the COAXIAL DIGITAL AUDIO OUT jack as described on page 11, turn off SRS TruSurround; otherwise, there will be no sound.*

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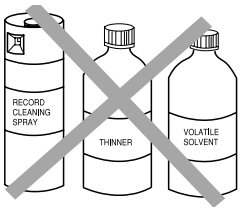
Care and Maintenance

Cleaning the DVD Player

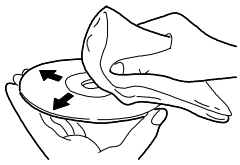
• Wipe the front panel and other exterior surfaces of the DVD Player with a soft, slightly damp cloth.
• Never use a solvent, thinner, benzene, or alcohol to clean the DVD Player. Do not spray insecticide liquid near the DVD Player. Such chemicals may discolor the surface or damage the DVD Player.



Don't use cleaners.

Cleaning a Disc

• Use a soft, dry cloth to wipe the Disc.
• Wipe the Disc in a straight line from the center to the edge. Never wipe the Disc in a circular motion.
• Do not use detergent or abrasive cleaning agents.
• Handle the Discs by the edges so fingerprints and dust do not adhere to the surfaces of the Discs.
• Always store the Disc in its protective case when it is not in use.


Wipe Discs from the center to the edge.

Checking the Laser

• If the DVD Player does not operate as described in this owner's manual, the laser may be dirty. Consult an Authorized Service Center for inspection and cleaning of the laser.

Handle Discs by the edges.

Glossary

AUDIO OUT Jacks: Jacks on the back of the DVD Player that send audio to another system (TV or stereo).
COAXIAL jack: Sends digital audio to a stereo, allowing you to adjust the volume at the stereo. The stereo must have a Coaxial In jack. This connection provides the 5.1 channel surround sound as heard in movie theaters.
COMPONENT VIDEO OUT Jacks: Jacks on the back of the DVD Player that send high-quality video to a TV that has Component Video In jacks.
Dolby Digital: A surround sound system that provides 5.1 channel sound as used in movie theaters.
Letterbox: A TV Aspect setting (4:3). Displays the video in full-width, with black bars at the top and bottom of the TV screen. This format is used often when you see a movie in a theater. If the Disc does not include a letterbox format , selecting Letterbox may have no effect. (For example, some DVD discs are two-sided, with one side playing in Letterbox and the other side playing in a normal format.)
Pan & Scan: A TV Aspect setting (4:3). Displays the video with full-height picture, with one or both sides of the picture trimmed to fit your screen.
Remote Control: The small electronic unit that came with your DVD Player; allows you to operate your DVD Player from a distance.
S-Video: Produces a clearer picture by sending separate signals for the luminance and the color. If you connect an optional S-Video cable, you will not need to use the supplied yellow video cable. You can use S-Video only if your TV has an S-Video In jack.
VIDEO OUT Jack: Jack on the back of the DVD Player that sends video to a TV. Use the supplied yellow video cable to make this connection.
Wide: A TV Aspect setting (16:9). Displays the video appropriately when you connect the DVD Player to a widescreen TV.

46 Helpful Hints

If you are having problems with your product, check this list of problems and possible solutions before requesting service. You may be able to solve the problem yourself. If you need to call a customer service representative, please know the model number and serial number of your product before you call. This information is on the back of the product. Also, please take a moment to identify the problem you are having, and be prepared to explain this to the representative. If you believe the representative will need to help you with operations, please stay near the product. Our representatives will be happy to assist you.

The DVD Player has no power.
- Make sure the power cord is connected completely to an AC (alternating current) outlet.
- Press the POWER ⏻ button to turn on the DVD Player. "P-ON" will appear briefly on the display panel as the power is turning on.

The remote control will not operate the DVD Player.
- Aim the remote control directly at the DVD Player's remote sensor. *Details are on page 16.*
- Remove all obstacles between the remote control and the DVD Player.
- Inspect and/or replace the batteries in the remote control. *Details are on page seven.*
- Use the remote control within 23 feet of the DVD Player.

No picture
- Make sure the video cable is connected correctly. You may connect either the yellow video cable (supplied), an optional S-Video cable, or optional component video cables. You only need one video connection between the DVD Player and the TV. *Details are on pages 8-13.*
- Make sure the TV is set to the correct Video channel (usually the AUX IN, A/V IN, Auxiliary In, EXT or External In, Component Video In or S-Video In channel). These channels usually are located near channel 00. Check your TV owner's manual for details. Or, change channels at the TV until you see the DVD logo or DVD playback on the TV screen.
- Insert a Disc that is playable on this DVD Player. *Details are on page six.*

Disc cannot play.
- Insert a playable Disc. *Details are on page six.*
- Place the Disc correctly in the recesses in the Disc tray. If the Disc is one-sided, place the Disc in the tray with the label facing up. If the Disc is two-sided, make sure the side you want to play is facing up.
- Clean the Disc. *Details are on page 45.*
- Check the Parental Controls and adjust if necessary. *Details are on pages 36-37.*

No sound
- Connect the audio cables firmly. Make sure the cables are connected to the AUDIO IN jacks on the TV or audio equipment. *Details are on pages 8-13.*
- Check the Audio Settings of the DVD Player. *Details are on page 39.*
- Turn on the power of the audio equipment and make sure it is set to the correct channel, usually Auxiliary IN. Refer to the owner's manual of the audio equipment for details.
- Check the Audio Settings of the Disc. For example, you may have selected "soundtrack" playback on a DVD. Only the music of the movie will play, not the characters' dialog; music might not be recorded throughout the entire DVD. *Details are on page 32.*

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Distorted picture
- Connect the DVD Player directly to the TV. *Details are on page eight.*
- There are some cases where the picture may be distorted slightly and briefly; this is not a malfunction of the DVD Player.

You can not change the camera angle.
- The DVD might not contain segments recorded from different camera angles. See if multiple angles are available by referring to the DVD case or menu for more information. *Details are on page 34.*

You can not change the audio or subtitle language.
- The DVD does not contain audio or subtitles in the desired language. Not all DVDs contain audio or subtitles in multiple languages. See if other languages are available. *Details are on page 32-33.*

An "X" appears on the TV screen, prohibiting an operation.
- You can not access the current operation at the current time or the feature is not available on the Disc. For example, some menus or features can be accessed or changed only when Disc play is stopped, while some are available only during playback. Check the instructions for accessing the feature before trying again. *Details are on page five.*

The DVD Player turns off after 35 minutes.
- If AUTO POWER OFF is activated, the DVD Player turns off automatically if playback stops for more than 35 minutes and you press no buttons on the remote control or the DVD Player. When you receive the DVD Player, the factory has set AUTO POWER OFF to ON. *Details are on pages 40-41.*

A large DVD logo appears on the TV screen.
- The DVD logo will appear on the TV screen if you stop Disc playback for more than five minutes and you do not press any buttons on the remote control or the DVD Player. The logo will appear on the screen for 35 minutes, then the Player will turn off automatically as described above. To prevent damage to your TV's picture tube, avoid leaving the DVD logo on the TV screen. Turn off the DVD Player when it is not in use. A prolonged still image, including TV station identification logos or video games, may damage your TV picture tube.

48 Limited Warranty

Digital Video Disc Player

90 days Free Product Exchange / 91 days–One Year Reduced-Cost Exchange

WHO IS COVERED?
You must have proof of the date of purchase to exchange your product. A sales receipt or other document showing the date that you purchased the product is considered such proof.

WHAT IS COVERED?
Warranty coverage begins the day you buy your product. *For 90 days thereafter,* you may exchange the defective product for a new or renewed product through Magnavox.
From 91 days to one year from the date of purchase, you will pay a preset exchange fee to obtain a new or renewed product. Follow the exchange procedures on the next page. This exchange opportunity ends one year after the date of purchase. The replacement product is covered only for the warranty period of the original product. When the warranty on the original product expires, the warranty on all replaced products also expires.
When it is necessary for you to ship the product to Magnavox for exchange, you will pay the shipping costs for shipment to Magnavox. Magnavox will pay the shipping costs when returning a product to you.

WHAT IS EXCLUDED?
Your warranty does not cover:
- shipping charges to return defective product.
- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of improper installation, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Magnavox.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product that is used for commercial or institutional purposes (including but not limited to rental purposes).

WHERE IS EXCHANGE AVAILABLE?
Warranty exchange is available in all countries where the product is officially distributed by Magnavox. In countries where Magnavox does not distribute the product, the local Magnavox service organization will attempt to exchange the product, although there may be a delay if the appropriate product is not readily available.

MAKE SURE YOU KEEP...
Please keep your sales receipt or other document showing proof of date of purchase. Attach it to the owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE EXCHANGING THE PRODUCT...
Please check your owner's manual before exchanging the product. Adjustments of the controls discussed there may save you time and money.

LIMITATION OF LIABILITY AND REMEDY...
MAGNAVOX IS NOT LIABLE UNDER ANY CIRCUMSTANCES FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, HOWSOEVER INCURRED, EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES.
TO THE EXTENT PERMITTED BY LOCAL LAW, THE REMEDIES PROVIDED IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDY. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE/PROVINCE TO STATE/PROVINCE.

TO EXCHANGE YOUR PRODUCT IN THE U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...
FOLLOW THE INSTRUCTIONS STATED PREVIOUSLY IN THE "WHAT IS COVERED" SECTION, OR REFER TO THE EXCHANGE INSTRUCTIONS ON THE NEXT PAGE.
IN THE U.S.A., PUERTO RICO, AND U.S. VIRGIN ISLANDS, ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY DISCLAIMED, AND TO THE EXTENT INCONSISTENT WITH LAW OF THE LOCALITY OF THE USER, LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY MAY LAST, THIS LIMITATION MAY NOT APPLY TO YOU.

TO EXCHANGE A PRODUCT IN CANADA...
Please contact Magnavox at:
1-800-705-2000
In Canada, this warranty is given in lieu of all other warranties. There are no other warranties, express or implied, including any implied warranties of merchantability or fitness for a particular purpose.

REMEMBER...
Please record below the model and serial numbers found on the product. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.
MODEL #_____
SERIAL #_____

Magnavox, P.O. Box 520890, Miami, FL 33152 (402) 536-4171

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EXCHANGE INSTRUCTIONS

To exchange your product with Magnavox (per the warranty conditions stated previously), remember:

- If you exchange the product within 90 days of the original purchase, there is no cost to you.*
- If you exchange the product more than 90 days after but less than one year after the day of original purchase, contact Magnavox at 1-800-705-2000 to determine the preset cost for exchange.
- If you do not have your original sales receipt, or if you have any questions, call 1-800-705-2000.

To obtain a replacement product from Magnavox:

1. Contact Magnavox at 1-800-705-2000 to determine the cost for exchange.
2. Complete the Exchange Form below.
3. Pack the product and its accessories in the original box or a suitable alternative. You will receive replacement accessories with your replacement product. For packing details, call Magnavox at 1-800-705-2000.
4. Put the completed Exchange Form, a copy of the original sales receipt, and the proper payment amount into an envelope. DO NOT SEND CASH. Do not staple or clip these items together. Label the envelope "Return Documents Enclosed." Place this envelope in the box with the product.
5. Seal the box with packing tape and return the product via United Parcel Service (UPS), insured and freight prepaid, to:

   Magnavox Recovery Center
   Rojas 6
   12420 Mercantile Avenue
   El Paso, TX 79928
   ATTENTION: DVD PLAYER EXCHANGE

A replacement will be sent to you via UPS within 48 business hours of Magnavox' receipt of the product.

**When it is necessary for you to ship the product to Magnavox for exchange, you will pay the shipping costs for shipment to Magnavox. Magnavox will pay the shipping costs when returning a product to you.*

EXCHANGE FORM

Your Address (street address to which replacement should be delivered, no P.O. boxes allowed):

Name:
Street Address: Apt. #:
City: State/Province: Zip Code/Postal Code:
Phone (day): Phone (night):

Exchange Fee: _____ **+ Sales Tax:** _____ **= Total:** _____

Method of Payment: (Check one. Please, no cash or CODs.)

_____ Check/Money order Check/Money order No. _____

		Account number	Expiration date
_____	American Express	_____	_____
_____	Visa	_____	_____
_____	Novus/Discover	_____	_____
_____	Mastercard	_____	_____

Signature: _____

Detailed reason for return, use additional paper if necessary: _____

_____

Model Number _____ Serial Number _____

Remember, the return box should include the following:

- **The product,**
- **Completed Exchange Form and sales receipt,**
- **Accessories supplied with the product, and**
- **Payment, if applicable.**

50 Specifications

Product Type
Digital Video Disc Player

Frequency Response
DVD (linear sound): 20 Hz to 22 kHz (sample rate: 48 kHz)
20 Hz to 44 kHz (sample rate: 96 kHz)
Audio CD: 20 Hz to 20 kHz

Signal-to-Noise Ratio (S/N Ratio)
Audio CD: 110 dB EIAJ (Electronic Industries Association of Japan)

Dynamic Range
DVD (linear sound): 95 dB
Audio CD: 94 dB (EIAJ)

Total Distortion Factor
Audio CD: 0.005% (EIAJ)

Wow and Flutter
Below the measurement limitation (±0.001% W PEAK) (EIAJ)

Power Requirement
120V AC ± 10%, 60 Hz ± 0.5%

Connections

S-Video output	Mini DIN 4-pin jack (75 Ω)
Video output	One pin jack, 1 Vpp (75 Ω)
Coaxial digital output	One pin jack, 500m Vpp (75Ω)
Analog audio output	Two pin jacks (one left channel, one right channel) 2 Vrms (47 kΩ)
Component video output	One pin jack (Y), 1 Vpp (75Ω) Two pin jacks (Cb and Cr), 700m Vpp (75Ω)

Power Consumption
Power on: 14 W
Power off: 2.2 W

Operating Temperature
41°F (5°C) to 104°F (40°C)

Relative Humidity
30% to 80%

Dimensions
17-1/8" (W) x 2-15/16" (H) x 8-5/16" (D)
(360mm x 75mm x 211mm)

Weight
4.42 lbs. (2.0 kg.)

NOTE: Designs and specifications are subject to change without notice.

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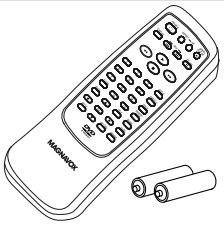
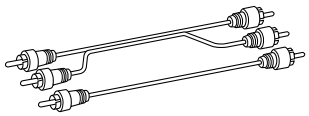
SUPPLIED ACCESSORIES

The following items are supplied with your DVD Player; they are provided to help you use or set up your DVD Player.



Remote Control 4835 218 37338
Two AA Batteries 4835 138 17012



Audio and Video Cables
4835 321 17148

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Remember to recycle!

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